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**PETUNIA, "FIRE DANCE"**

**$F_1$ HYBRID 1956 NOVELTY**

See page 20

# 1957 CATALOG



Fire Dance (Page 20)

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U. S. Department of Agriculture



Glitters

**PETUNIA "GLITTERS"**

See Pages 1 and 20

*A. H. Hummert Seed Co.*

**PHONE PRospect 1-0646** **2746-48 Chouteau Ave.**

**ST. LOUIS 3, MISSOURI**

# A. H. HUMMERT SEED CO.

## Catalog for 1957

*Prices in This Catalog Are Subject to Change Without Notice*

# LAWN GRASS SEED

**All our Lawn Grasses are recleaned and tested for highest quality, purity and germination.**
**One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.**
**Lawn seed wanted by parcel post, add postage.**



**ARBORETUM BLUEGRASS**
Arboretum Bluegrass is a natural selection. The original plot in the Arboretum of the Missouri Botanical Gardens (Shaw's Garden) had been under observation for several years because of its superior performance under severe conditions of drought and heat. **1 lb. bags, $1.95 per lb.**

**BENT, COLONIAL or HIGHLAND (Agrostis tenuis)**
An excellent all-around Bent for lawns, greens, parks and playing fields; grows on wide range of soils; spreads mainly by underground root stalks or rhizomes, making a deep reinforced sod. ½ lb., 75c; 1 lb., $1.25; 5 lbs., $5.50; 25 lbs., $25.00.

**BERMUDA**
It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. **1 lb., 75c; 5 lbs., $3.50.**

**BLUE GRASS, KENTUCKY (Poa pratensis)**
Fancy extra recleaned. Kentucky Blue Grass is largely used for lawns and when once established, lasts indefinitely. Deep rooting and has an attractive color. For lawns, sow 5 lbs. per 1000 sq. ft. **5 lbs., $5.75; 10 lbs., $11.50; 25 lbs., $26.50; 100-lb. bag, 89c per lb.**

**BLUE GRASS, KENTUCKY SUPREME BRAND**
94 per cent pure. This seed is recleaned to the highest purity obtainable. **5 lbs., $6.50; 10 lbs., $12.00; 25 lbs., $30.00.**

**MERION KENTUCKY BLUE GRASS**
A new selection of blue grass of a wider blade and darker green color. Seed stock is very limited. **Per lb., $3.50.**

## OUR FINEST LAWN MIXTURE

**VELVET LAWN SEED**
The finest balanced mixture. 60% of the best Kentucky Blue Grass, 30% Fancy Recleaned Red Top, 8% Perennial Rye Grass and 2% White Clover. The best lawn mixture for this climate. **3 lbs., $3.00; 5 lbs., $4.75; 10 lbs., $9.50; 25 lbs., $22.00; 100-lb. bag, 80c per lb.**

**CLOVER, WHITE or DUTCH FOR LAWNS**
A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 square feet. **½ lb., 75c; 1 lb., $1.50; 5 lbs., $6.50.**

**CHEWING'S FESCUE**
This grass is valuable on sandy soils and in shade. Chewing's Fescue is a perennial with a fine blade and a spreading root system. Sow 5 lbs. per 1000 sq. ft. **5 lbs., $4.50; 10 lbs., $9.00; 25 lbs., $20.00.**

**CREEPING RED FESCUE**
A variety of Fescue; superior to Chewing's. This fine-leaved grass produces a bright green turf, especially well adapted for tree shade. Sow 5 lbs. per 1000 sq. ft. **5 lbs., $4.50; 10 lbs., $9.00; 25 lbs., $20.00.**

**GREEN TURF MIXTURE**
Mixed of the best Turf Grasses, Kentucky Blue, Chewing's and Red Fescue, Red Top, Bent Grass, Perennial Rye. **5 lbs., $4.00; 25 lbs., $18.75; 100 lbs., 70c per lb.**

**KY. 31 FESCUE**
Excellent for roadsides, athletic fields, airports, etc.—quite drought resistant—deep rooted, coarse for lawn purposes. **5 lbs., $1.75; 25 lbs., $7.50; 50 lbs., 24c per lb.**

**RED TOP, FANCY**
Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought resistant. **3 lbs., $2.80; 10 lbs., $9.00; 25 lbs., $18.75.**

**RYE GRASS, PERENNIAL, CERTIFIED BLUE TAG**
A hardy grass of quick growth, suitable for lawns and meadows. **3 lbs., $1.15; 5 lbs., $1.75; 10 lbs., $3.50; 100 lbs., $20.00.**

**RYE GRASS**
Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. **3 lbs., 75c; 5 lbs., $1.00; 10 lbs., $2.00; 100 lbs., $13.00.**

**SHADY LAWN MIXTURE**
Blended of species that have been proven by test to best survive shaded and adverse conditions. **1 lb., $1.10; 5 lbs., $4.75; 10 lbs., $9.50; 25 lbs., $22.00.**

# PLEASE NOTE

**USE OUR ORDER SHEET.** It will be of great help to us in filling your order correctly and speedily, if you will use the Order Sheet sent you with the catalog. **Please Keep a Copy of Your Order.**

**NEW ACCOUNTS** desiring credit, please give three trade references.

**NO C.O.D. SHIPMENTS.** We advise against C.O.D. orders because of delays and excessively high collection charges.

**ROUTING.** Please give explicit shipping directions with each order, if wanted by Express, Truck or Freight. If no directions are given, we will use our best judgment, but all goods travel at purchaser's risk.

**Flower seeds are shipped parcel post prepaid.**

**ALL OTHER ITEMS ARE NOT PREPAID.** Please include sufficient postage with cash orders. Postage will be billed on Charge Orders.

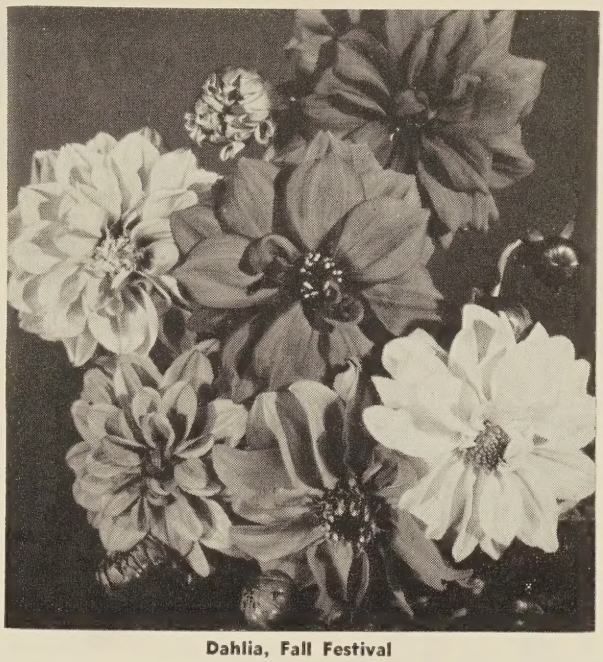
**DISCOUNT.** When cash is enclosed, 2% on orders of $5.00 or over on flower seeds.

**NO CASH DISCOUNT** on Lawn Grass, Plants, Plant Band Material, and other Supplies.

A. H. HUMMERT SEED COMPANY gives no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants it sells. It is expressly agreed that the limit of liability for all claims for loss or damage due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.



Petunia $F_1$ Hybrid, Carnival



Dahlia, Fall Festival

## HERE ARE 8 SELECTED AND WORTHY ITEMS OF SPECIAL MENTION. TRY THEM, YOU WILL BE PLEASED

### AGERATUM, BLUE MINK

strong, husky plants. Plants grow to a height of 5 to 6 inches, and are upright, yet compact and even in habit, making them an ideal subject for border use in the home garden. **Tr. pkt., 50c; ⅛ oz., $1.50; ¼ oz., $2.75.** Also see page 9.

### AQUILEGIA, McKANA'S GIANT

Large, extra long-spurred flowers 3-4 in. across in a gay mixture of colors. One of the showiest of all Columbines. **Tr. pkt., 65c; ⅛ oz., $1.50; ¼ oz., $2.50.** Also see page 9.

### CELOSIA IMPROVED CRISTATA (Cockscomb) DWARF KARDINAL

(New). Orange-scarlet, a brilliant new color, with light green foliage. 10-12 in. **Tr. pkt., 50c; ⅛ oz., $1.00.** Also see page 13.

### DAHLIA, FALL FESTIVAL (New)

Here is a Dahlia that can easily be grown from seed, and will be of interest both to the home gardener and bedding plant grower. The flowers are durable, semi-double and a small proportion of singles, are in the shades of crimson, red, orange and yellow. Plants grow to about 2½ ft. high; flowers are from 3-4 inches across, carried on long, strong stems. **Tr. pkt., 40c; ⅛ oz., 75c; ¼ oz., $1.35; oz., $4.50.** Also see page 14.

### PETUNIA $F_1$ HYBRID, CARNIVAL

Carnival colors include blue, white, crimson, rose, carmine, scarlet, salmon, salmon-pink, brilliant rose, light pink, red, rosy lavender and cream-pink. Flowers are large, measuring 3-4 in. across, with fringed petal edges of the typical Grandiflora type. As in regular Grandifloras there are some smaller, plain edged flowers. The plants are of regular dwarf bedding type. **Tr. pkt., $1.50; 1/32 oz., $3.25.** Also see page 20.

### PETUNIA $F_1$ HYBRID NANA COMPACTA "GLITTERS"

**1957 All-America Winner.** "Glitters" Petunia is an $F_1$ hybrid, the first real red and white bicolored. It grows only 8 in. high, is nana compacta type. The condensed habit of growth keeps it neat and striking at all stages and seasons. Blooms are about 2 inches across, freely borne from spring to fall. Use it for pots, boxes and urns as well as for bedding, edging walks, drives and borders. **½ tr. pkt., $1.35; tr. pkt., $2.50.** See page 20.

### PETUNIA $F_1$ HYBRID, RED SATIN, 1957 ALL-AMERICA SELECTION

**1957 All-America Selection.** New for 1957, and the proud recipient of an All-America Selections medal, Red Satin displays incredibly vivid and shining scarlet-red flowers. The plants are worthy of an award in themselves, for they attain a 10-12 in. globe-shaped form and then maintain that size and character right through the season. **½ tr. pkt., $1.25; tr. pkt., $2.25; 1/64 oz., $7.00.** Also see page 20.

### PHLOX, TWINKLE (Dwarf Star Mixed)

**1957 All-America Selection.** All the best colors are in the mixture. The form of the flower is elegant and coquette; the compact plant carries the flowers well above the foliage. Height 6-7 inches. **Tr. pkt., 75c; ⅛ oz., $1.65; ¼ oz., $3.00.** Also see page 21.

# VEGETABLE SEEDS

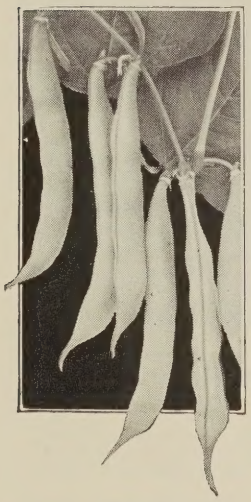
Vegetable seeds, wanted by parcel post, add postage.

One of the most profitable spring crops for the greenhouse or hotbed plant is seedling vegetable plants for home gardens. We are offering vegetable seeds only in the best standard varieties for market and home garden.

## ASPARAGUS

**Mary Washington.** (Rust-proof.) Undoubtedly the finest rust-resistant variety grown. Shoots thick; heavy yielder of fine quality. **Oz., 25c; ¼ lb., 75c; lb., $2.50.** Roots available during March and April. **Doz., 50c; 100, $3.50.**

## BEANS



**Green-podded Varieties.** (1 lb. will plant 150 feet).

**Bountiful.** A familiar variety extensively used by shippers, home and market gardeners. The earliest of the flat pod varieties.

**Black Valentine Stringless.** 52 days. Accepted by shippers and market gardeners as the finest of all the Valentine strains.

**Landreth Stringless Green Pod.** 50 days. Developed from a selection out of Burpee's Stringless Green Pod. Excellent for shipping and canning.

**Above Varieties: Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., $2.25; 10 lbs., $4.00; 100 lbs., $32.00.**

**Topcrop.** 52 days. Immune to Bean mosaic, and therefore outyields most others. Pods are 6 inches long, straight, entirely stringless, and very meaty. **Pkt., 15c; ½ lb. 30c; 1 lb., 55c; 5 lbs., $2.50; 10 lbs., $4.50; 100 lbs., $34.00.**

## BUSH WAX BEANS

**Pencil Pod Wax.** 52 days. The pods average 5 to 6 inches in length, a round-podded wax variety.

**Round Pod Kidney Wax.** A leader and standard in the wax pods as a canning variety. Has supreme quality.

**Top Notch Golden Wax.** 52 days. A superior type to the old Improved Golden Wax. Very productive and compact plant. Creamy yellow pods that are straight, oval, stringless and brittle. 5 inches long. Seed solid white with brown eye.

**Above Varieties:**
**Large pkt., 15c; ½ lb., 30c; 1 lb., 55c; 5 lbs., $2.50.**

## BUSH LIMA BEANS

**Burpee's Improved Bush Lima.** 80 days. Grows 10 to 30 inches; handsome large pods. **Pkt., 15c; ½ lb., 30c; 1 lb., 55c; 5 lbs., $2.50; 10 lbs., $4.50.**

**Fordhook Bush.** 75 days. The outstanding variety for home and market, producing a very heavy crop of large fat pods. **Pkt., 15c; ½ lb., 30c; 1 lb., 55c; 5 lbs., $2.50; 10 lbs., $4.50.**

**Henderson's Bush Lima.** 74 days. Produces enormous crops. Small seeded—sure to produce under any conditions. **Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., $2.00; 10 lbs., $3.75.**




## USE NITRAGIN

**Garden Size Packet for Inoculating PEAS, BEANS and SWEET PEAS (Will treat 8 lbs. of seed) 20c.**

## POLE LIMA BEANS

**King of the Garden.** 84 days. One of the best pole Limas, large leaved, good climber. Pods about 4½ to 5½ inches long. **Large pkt., 15c; ½ lb., 30c; 1 lb., 55c; 5 lbs., $2.50.**

## POLE BEANS—Green Podded

**Kentucky Wonder, Old Homestead.** 65 days. Unexcelled for home and market garden. **Large pkt., 15c; ½ lb., 30c; 1 lb., 50c; 5 lbs., $2.25; 10 lbs., $4.00.**

**Blue Lake Stringless.** Early maturing, green-podded, white-seeded. Pods are 6 inches long, straight, entirely stringless, and very meaty. Excellent for shipping and canning. **Pkt., 15c; ½ lb., 30c; 1 lb., 55c; 5 lbs., $2.50; 10 lbs., $4.50.**



## BEETS

**1 oz., to 60 ft. row.**

Sow seeds as early in the spring as the ground can be worked. For a continuous supply make repeated sowings 3 to 4 weeks apart. Sow seed in rows 1½ to 2 ft. apart, cover with ½ in. of fine soil.

**Early Wonder.** 50 days. Earliest and best for early market or home garden. Tops short, flesh dark red. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $1.50.**

**Detroit Dark Red Selected.** 55 days. The best all-purpose beet. Superb quality, good keeper and should be used for main crop for home or market. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $1.50.**

**Chard Lucullus.** 60 days. The most commonly grown. A fine home variety satisfactory also for market use. **Pkt., 10c; oz., 20c; ¼ lb., 60c.**

## MANGEL BEET

Used largely for winter feeding of your stock. Sow seed in early spring in rows 2 to 3 ft., apart; cover with ½ in. of soil.

**Mammoth Long Red. Oz., 15c; ¼ lb., 35c; 1 lb., 90c.**

## BROCCOLI

**(Ounce will produce about 3000 plants)**

**De Cicco.** 60 days. Earliest to mature. None better for shippers, home or market. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.20.**

## BRUSSELS SPROUTS

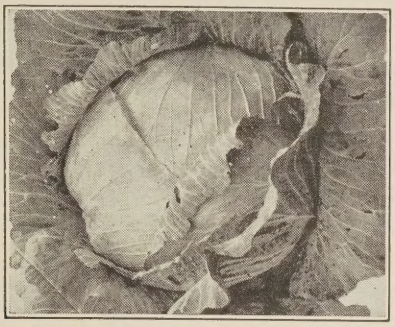
**(Ounce will produce about 3000 plants)**

**Long Island Improved.** 90 days. Fine for home or market. Commonly grown as fall, winter or early spring crop. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50.**

## CABBAGE

For earliest crop, start seed in hotbed; for medium early Cabbage, seed may be sown in a cold frame or open-ground seedbed in early spring. Sow late Cabbage for winter use in a seedbed outdoors when soil has become thoroughly warm. An ounce will produce about 3000 plants.

Grow Cabbage plants in Tekpak Containers and Plant Bands for early spring sales.



**All Seasons.** 80 days. Of the flat Dutch type and a first class main crop. The heads are very large and solid. ½ oz., 25c; oz., 40c; ¼ lb., $1.25; lb., $4.25.

**Bugner.** 100 days. This is the most popular of all the green types of Cabbage for market, home garden, kraut and storage. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches in diameter, round. ½ oz., 30c; oz., 55c; ¼ lb., $1.75; 1 lb., $6.00.

**Copenhagen Market.** (Select.) 66 days. A very choice strain. Medium-sized heads; compact, good yielder. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; 1 lb., $5.50.

**Charleston Wakefield.** 70 days. Large, heart-shaped, average weight 4 to 5 lbs. For home and market garden. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.

**Early Dwarf Flat Dutch.** 65 days. Heads nearly round, firm, fine flavor and high quality. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; 1 lb., $4.50.

**Early Jersey Wakefield.** Pointed heads. 62 days. Extremely early variety, very valuable for home and market garden. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; 1 lb., $4.50.

**Golden Acre.** (Select.) 64 days. Round head, short stem. Uniform, firm, especially valuable for early market and shipping. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; 1 lb., $5.25.

**Marion Market.** (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market. It takes about 20 days longer to mature. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50; 1 lb., $5.50.

**Premium Late Flat Dutch.** 90 days. Good keeper, firm heads of good quality. Dependable. Pkt., 15c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; 1 lb., $4.25.

### SAVOY and RED CABBAGE

**Dark Red.** 90 days. Best red variety. Good keeper, round hard head. Pkt., 15c ½ oz., 30c; oz., 50c.

**Savoy Chieftain.** 90 days. Best of the Savoy or crinkled leaved sorts. A splendid keeper. Pkt., 15c; ½ oz., 30c; oz., 50c.

## CHINESE CABBAGE

### Chinese or Celery Cabbage

**Michihli.** 70 days. This is a sure heading, vigorous growing lettuce variety with erect, cylindrical pointed heads 18 to 20 inches long. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.

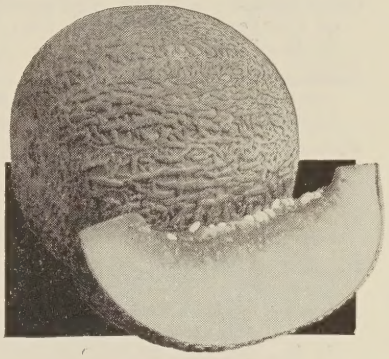
## COLLARDS

**Georgia or Southern.** A variety of Cabbage that does not form a head, but produces a mass of leaves. Very hardy. Pkt., 10c; oz., 20c; ¼ lb., 60c.

## CANTALOUPE

**1 oz. plants 50 hills; 2 lbs. to 1 acre.**
Plant in May for early crop; in June for late crop.

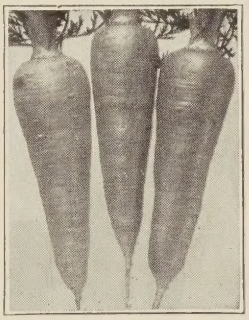
**Hale's Best.** 85 days. The most popular and leading Cantaloupe with large shippers and growers. Early and uniform. Small seed cavity and deep salmon color flesh of excellent quality. 5¾ inches long, 5¼ inches in diameter, or slightly oval. Pkt., 10c; oz., 25c; ¼ lb., 65c; 1 lb., $2.15.



**Pride of Wisconsin.** 90 days. Salmon flesh of unusual thickness. The Melon grows to an average size of 8 inches. Pkt., 10c; oz., 25c; ¼ lb., 65c; 1 lb., $2.15.

## CARROTS

**1 oz. will sow 100 feet of row.**
Sow in March and April, in drills 1 inch deep and 14 inches apart; thin out to 2 inches. For main crop sow in May or beginning of June. A rich, mellow, deeply worked soil gives the finest Carrots.



**Chantenay.** 70 days. Roots about 5 to 6 inches in length, 2 to 2½ inches thick at the crown, smooth and tapering. Color deep orange-red. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.25.

**Chantenay Red Core.** 70 days. Roots 4½ to 5 inches long, 2¼ inches thick, tapering to a blunt point. Skin deep orange and interior same with distinct red core. Better for canning than bunching. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.25.

**Danvers Half Long.** 75 days. Well known main-crop or late Carrot of great uniformity. The deep orange-red roots are 7 to 7½ in. long and 2 to 2½ in. in diameter, tapering gradually toward the blunt end. Pkt., 10c; oz., 25c ¼ lb., 75c; 1 lb., $2.25.

## CAULIFLOWER

**Packet will produce 200 plants; ounce 2000 plants.**

**Super Snowball.** Finest quality. 65 days. Well-adapted for use under a wide range of conditions. Heads large, firm and pure white, and well protected by inner leaves. Pkt., 25c; ¼ oz., 50c; ½ oz., 90c; 1 oz., $1.75.



**Early Snowball.** 54 days. Unquestionably the earliest maturing strain of short leaf type of Cauliflower. It is well adapted for forcing or winter use for early crop and is one of the most popular. Pkt., 25c; ¼ oz., 50c; ½ oz., 90c; oz., $1.75.

**Seed wanted by Parcel Post, add postage.**

## CELERY

**1 oz. will produce 5000 plants.**

**Giant Pascal.** 140 days. The standard late, green Celery of excellent quality. **Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., $2.00.**

**Golden Self Blanching.** Select. 85 days. Early and very desirable for home and market garden. **Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., $2.00.**

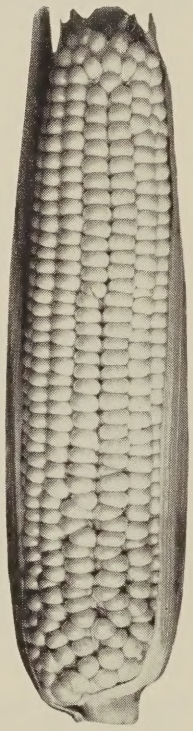
**Celeriac. Turnip rooted.** 120 days. **Pkt., 10c; ½ oz. 35c; oz., 60c; ¼ lb., $2.00.**

## CORN SALAD

**Large Leaved.** Sometimes called Lamb's Lettuce. An extremely hardy type plant that forms rosettes of tender leaves which are used as a substitute for Lettuce and mixing with salads. **Pkt., 10c; oz., 35c; ¼ lb., 90c; lb., $3.25.**

## SWEET CORN

**1 pkt. plants 40 hills; 1 lb., 250 hills; 15 lbs. to acre.**



**Country Gentleman Hybrid.** About 95 days. The grain is small, and crowded together on the cob, instead of forming in defined rows. Deliciously tender and sweet. **Pkt., 20c; ¼ lb., 40c; lb., 75c; 5 lbs., $3.50.**

**Corneli's Gold Rush Hybrid.** First early, golden yellow hybrid. Stalks 6 ft. tall, produces an average of 2 ears per stalk, ears 8½ in. long, 12 to 14 rows slightly tapered, well filled to tip. **Pkt., 15c; ⅛ lb., 35c; lb., 60c; 5 lbs., $2.75; 10 lbs., $5.00.**

**Evergreen Hybrid.** 86 days. An excellent hybrid of the Stowell's Evergreen type, noted for its uniformity and increased yield. **Pkt., 15c; ⅛ lb., 35c; lb., 65c; 5 lbs., $3.00; 10 lbs., $5.50.**

**Golden Cross Hybrid.** 85 days. Bred for wilt resistance, high yield and superlative quality. Grows 7 to 8 ft. high. Fine ears with 10 to 14 rows of light golden kernels. **Pkt., 15c; ½ lb., 30c; lb., 50c; 5 lbs., $2.25; 10 lbs., $4.25; 100 lbs. $36.00.**

## HYBRID POP CORN

**Purdue Yellow Hulless. Pkt., 15c; ½ lb., 35c; 1 lb., 65c.**

## EGGPLANT

Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet each way; cultivate frequently.

**Black Beauty.** 80 days. It is oval in shape, uniformly the darkest in color. Perfectly spineless and smooth. **Pkt., 15c; ½ oz., 35c; oz., 55c; ¼ lb., $1.75.**

## ENDIVE

**1 oz. of seed for 50 ft. of row.**

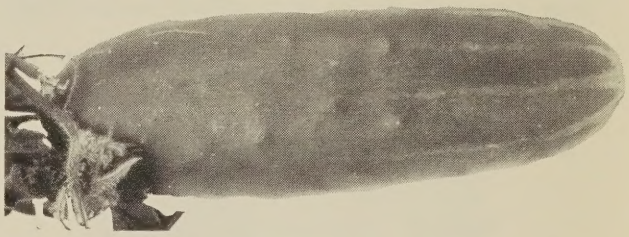
It may be grown at any season but is more generally planted for fall.

**Broad-Leaved White or Escarolle.** 92 days. A distinctly improved form of Broad-Leaved Endive. Plant medium large with deep, full, well-blanched heart of infolded broad leaves. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

**Green Curled.** 95 days. The leaves of this variety are finely divided, giving a mossy appearance. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

## CUCUMBERS

Do not plant Cucumbers until danger of frost has passed. **½ oz. to 25 hills; 2 lbs. to 1 acre.**



**A & C** (Colorado). 68 days. A beautiful, long, slender, dark green Cucumber of excellent shape and intense dark color. Fruit is inclined to taper at stem end. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.25.**

**Burpee Hybrid.** Its remarkably high resistance to disease makes it an excellent variety where downy mildew and mosaic are a problem. Vines are vigorous and bear an abundance of shapely green fruits, averaging 8 inches in length and 2½ inches wide. **Pkt., 30c; ¼ oz., $1.00; ½ oz., $1.75; oz., $3.00.**

**Long Green Improved.** 70 days. The fruits are very long, often 12 to 15 inches when mature, yellow when ripe. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.**

**Stay Green.** 64 days. Fruits rich dark green, retaining their color long after picking. 7 to 8 inches long, 2¾ inches thick. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.**

**Straight Eight.** 64 days. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.25.**

**Snow's Perfection Pickling.** 60 days. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.**

## HERB SEEDS

Every kitchen garden should have some of the popular herbs:

**Anise Basil Borage Coriander Dill Sweet Fennel Savory Chervil**
**Prices above 8, each: Tr. pkt., 15c; 1 oz., 60c.**

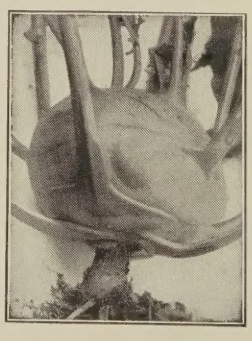
**Sweet Marjoram Sage**
**Prices above 2, each: Tr. pkt., 15c; ½ oz., 60c.**

**Chives Thyme Rosemary**
**Prices above 3, each: Tr. pkt., 15c; ¼ oz., 50c.**

## KALE

**Siberian.** 40 days. Very hardy and improved by moderate frost. Sow in May or June. Makes excellent greens, tender and fine flavor. **Oz., 20c; ¼ lb., 45c; 1 lb., $1.75.**

**Dwarf Green Curled Scotch.** 55 days. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., $2.00.**



## KOHLRABI

**1 oz. of seed will produce 3000 plants.**

For early use sow in hotbeds and transplant. Out-of-doors sow in open ground the first part of April in rows 18 inches apart; thin out.

**Earliest White Vienna.** 55 days. Greenish white outside, with clear white flesh within, fine quality. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; 1 lb., $2.50.**

## LEEK

The long, thick, blanched neck is desirable for soups.

**Large London Flag.** Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25.

## LETTUCE

**1 oz. will produce 4000 plants.**

Lettuce seed should be sown very early in the spring and at intervals of 15 days for a succession; sow the seed in shallow drills, being careful to firm the soil over the seed and thin to 4 inches in row.

### EARLY CURLED VARIETIES

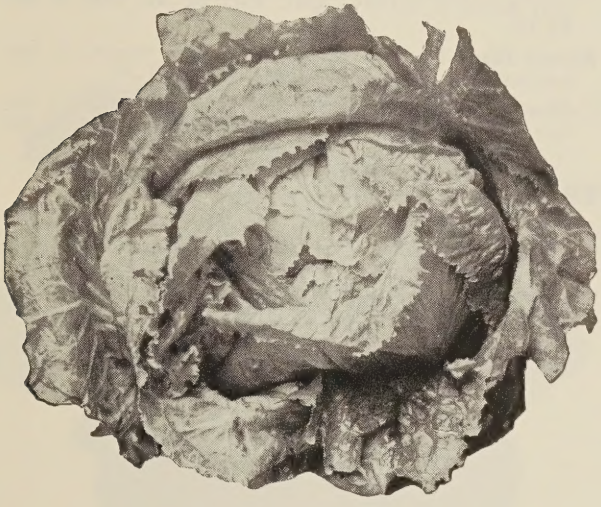
**Early Curled Simpson.** 45 days. The standard loose-headed variety. Earlier than the heading sorts. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.

**Black-Seeded Simpson.** 45 days. Easily grown, especially recommended for spring and early summer use. The leaves are large, yellowish green, fringed and crumpled. The inner leaves are almost white. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.

**Grand Rapids.** 45 days. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.00.

**Prize Head.** 40 days. Forms a very large loose head, slightly tinged brown. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Salad Bowl Lettuce.** Salad Bowl is well named. A head fills a salad bowl with a perfect rosette of rich green and very decorative leaves. It is a loose-leaf variety. Pkt., 15c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50.



### HEADING VARIETIES

**Big Boston.** 70 days. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., $2.00.

**Bibb Lettuce.** A loose waxy head variety with very deep green outer leaves, bleaching to a rich yellowish green inside. Heads medium size, unusually crisp and tender, and of a distinct flavor. Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., $1.00.

**Great Lakes.** 75 days. Iceberg type, bred to make tight heads in hot weather. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; 1 lb., $5.00.

**Oakleaf.** Noted for its ability to withstand hot weather without turning bitter. Leaves are smooth and lobed to resemble the leaf of an oak tree, deep green and tender. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25.

**Romaine or Paris White Cos.** 65 days. Compact heads, well blanched, excellent for salads. Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.

**MUSKMELON.** See Cantaloupe, page 2.

## MUSTARD

**1 oz. will sow 40 ft.**

Mustard greens are as healthful and nourishing as Spinach.

**Chinese Broad-Leaved.** The leaves are broad, smooth and often 12 inches long. Color deep green. Oz., 10c; ¼ lb., 35c; lb., $1.00.

**Southern Giant Curled** (Long Standing). 30 days. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. 1 oz., 10c; ¼ lb., 35c; 1 lb., $1.00; 5 lbs., $4.50.



Mustard

## OKRA or GUMBO

Okra pods are used in soups, stews, catsup and other relishes. They are at their best when 1 to 3 inches long.

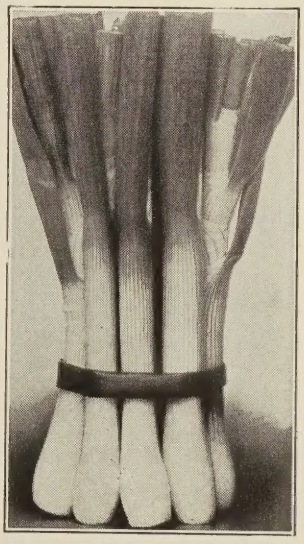
**Dwarf Green Prolific.** 65 days. Low, stocky and productive, with long pods. Oz., 15c; ¼ lb., 50c; lb., $1.25.

## ONION

**1 oz. will sow 100 ft. of row.**

One of the most nutritious and healthful of vegetables.

**Southport White Globe.** 110 days. This variety yields abundantly, producing medium to large, fine shaped clear white bulbs. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; 1 lb., $4.00.



**Sweet Spanish. (Utah Strain.)** 110 days. A very large globe-shaped, light yellow Onion with small top and an exceptionally fine shipper. Very mild, sweet flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; 1 lb., $4.00.

**White Portugal or Silver Skin.** 100 days. The main variety used for producing white sets. Fine for pickles. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.

**White Lisbon.** A bunching variety, grown for its very long, pure white stems; long standing, tender and of delicate flavor. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., $1.25; 1 lb., $4.00.

## PARSLEY

**1 oz. sows 150 ft. of drill.**

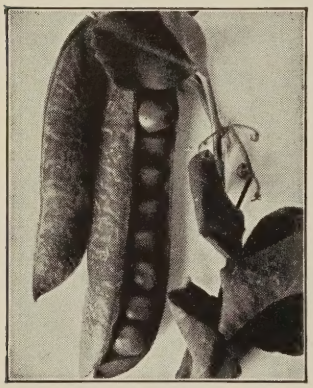
**Double Curled.** The best green curled. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.25.**

**Hamburg Edible Rooted.** 90 days. Forms a short thick parsnip-like root used in flavoring soups, etc., Leaves are also useful. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

## PEAS

**1 lb. is enough for 100 ft. of row.**

**Peas, ½ lb. or over wanted by Parcel Post, add postage.**



**Alaska-Ameer Mammoth Pod.** The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Vine about 30 inches high. Matures in about 56 days. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., $2.00; 10 lbs., $3.50.**

**Laxton's Progress.** 62 days. The earliest of the large-podded dwarf Peas. Pods 4½ inches long, containing 7 to 9 dark green Peas. 18 inches tall. Best for deep freezing. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., $2.00; 10 lbs., $3.50.**

**Little Marvel.** 63 days. A leading variety of wrinkle-seeded. Grows 18 inches high. Pods average 3 inches, well filled with 7 or 8 large, deep green Peas. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c; 5 lbs., $2.00; 10 lbs., $3.25.**

## PARSNIP

**1 oz. for 100-ft. row. 5 lbs. per acre.**

General culture for Parsnips is the same as for Beets.

**Hollow Crown.** 95 days. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. **Pkt., 10c; oz., 25c; ¼ lb., 60c; 1 lb., $1.50.**

## RADISHES

**1 oz. will sow 100 ft. of row.**



**Crimson Giant.** 30 days. Roots scarlet, spherical. Largest early Radish which remains crisp. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c.**

**Icicle.** 35 days. A magnificent white variety. Grows 3½ to 4 inches long. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., $4.00.**

**Scarlet Turnip White Tipped or Sparkler.** Something extra fine. 23 days. The lower half is white, the upper half bright scarlet. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., $4.00.**

**Scarlet Globe.** (Selected Stock.) 23 days. The interior of the root is pure white, mild, crisp and fine grained. Recommended for market garden or forcing. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 5 lbs., $4.00.**

### WINTER RADISHES

**Rose-Colored China.** Extremely solid and a most excellent keeping variety. **Oz., 15c; ¼ lb., 40c; 1 lb., $1.15.**

**Round Black Spanish.** Skin black, flesh white. A fine keeper. **Oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

**California White Mammoth.** The best white Radish for late fall planting. **Oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

## PEPPER

**1 oz. will produce 3000 plants.**

Seed should be sown in a hotbed or in a shallow box in a warm place in the house, allowing 8 to 10 weeks to produce plants large enough to set outdoors.

**Grow some Pepper plants in Tekpak Containers and Plant Bands for early spring sales.**

**Bell or Bull Nose.** 65 days. An early sweet Pepper. Large, bright red, thick flesh. **Pkt., 15c; ½ oz., 30c; 1 oz., 50c; ¼ lb., $1.50; 1 lb., $5.50.**

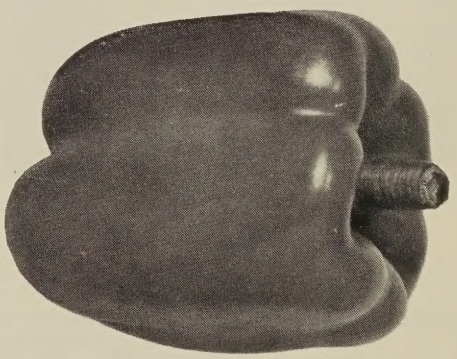
**California Wonder.** 74 days. The standard of perfection among sweet Peppers, and the most popular sort. Excellent for all purposes. **Pkt., 15c; ½ oz., 35c; 1 oz., 60c; ¼ lb., $1.75; 1 lb., $6.00.**

**Chinese Giant.** 80 days. The giant among Peppers. Attractive. Size and mild flavor. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.**

**Hungarian Wax.** 60 days. Important canning variety early, hardy, prolific. Bears pendent and upright yellow hot fruits. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.00.**

**King of the North or Ruby Giant.** 60 days. The best early large Pepper. The fruits are large and color a brilliant red. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.**

**Long Red Cayenne.** 70 days. Very hot, deep red fruits. 4½ to 5 inches long. Excellent for pickling, drying or canning. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.75.**



California Wonder

**Pimiento.** 73 days. The shape is distinctly conical, medium size. Color, when young, is a glossy green turning ruby-red when ripe. **Pkt., 10c; ½ oz., 35c; 1 oz., 60c; ¼ lb., $1.75.**

**Red Chili.** Bright red when ripe and are very hot or pungent. Used extensively for pepper sauces, pickling and drying. 2½ inches long, ⅜ inch in diameter. **Pkt., 15c; ½ oz., 35c; 1 oz., 60c; ¼ lb., $2.00.**

**Sweet Yellow or Banana.** (60 days.) Probably the largest, earliest and sweetest of all yellow Peppers. It is Banana-shaped, averaging about 6 inches in length and 2 inches in diameter. Light yellow in color. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00.**

## PUMPKINS

**Ounce will make about 20 hills.**

**Kentucky Field.** 100 days. Standard large Pumpkin for canning and for stock feed. **Oz., 20c; ¼ lb., 50c; 1 lb., $1.25.**

**Small Sugar.** 100 days. Round, slightly ribbed fruits of medium size, about 7 in. in diameter. Best Pumpkin for general use; good keepers. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., $1.50.**

## RHUBARB or PIE PLANT

**Myatt's Victoria.** A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. **Oz., 25c; ¼ lb., 75c; 1 lb., $2.50.**

**Rhubarb Roots Available in March.**
**Strong Roots, each 20c; doz.: $2.25.**

## RUTABAGAS

**American Purple Top.** A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c.**

## SALSIFY

Often called "Oyster Plant" and is easily grown.

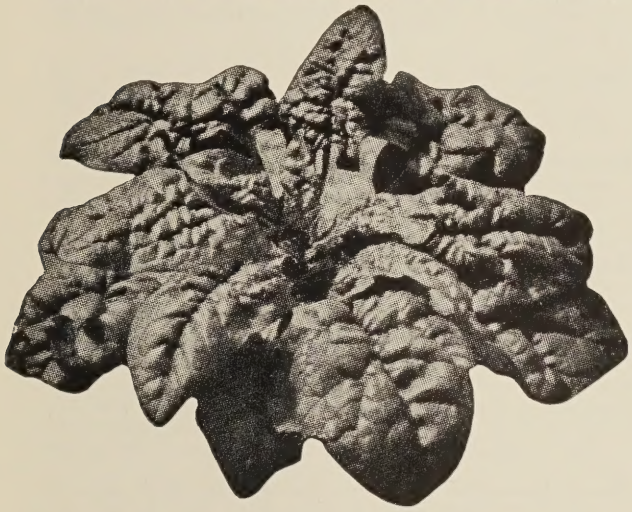
Sow in April in rows 18 inches apart, thinning out to 4 to 6 inches. Cultivate deeply and often.

**Mammoth Sandwich Island.** This variety is uniform in growth. The roots are of superior quality and most delicate flavor. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

## SPINACH

**1 oz. to 30 or 35 ft. of drill.**

Sow early in spring. Spinach is high on the list of health-giving and body-building vegetables. Grow more and eat more. It is essentially a spring and autumn crop.



**Bloomsdale Long Standing.** 45 days. An outstanding strain of the Savoy Leaved Spinach. Much in demand for home and market gardens. It is slow to run to seed. **Oz., 10c; ¼ lb., 30c; lb., 75c; 10 lbs., $5.50.**

## WATERMELON

**1 oz. for 20 hills; 3 to 4 pounds per acre.**

**Black Diamond.** 95 days. Fruits very large, dark green, nearly round, flesh bright red, crisp and sweet. This is the most popular variety.

**Kleckley's Sweet.** 95 days. This is considered the sweetest of the large melons. Particularly adapted for home garden.

**Stone Mountain** (or Dixie Belle). 110 days. Rich dark green in color with scarlet flesh that is exceptionally sweet.

**Tom Watson.** 110 days. The rind is dark blue-green; the flesh is deep red and very sweet.

**Above 4 varieties: Pkt., 15c; oz., 20c; ¼ lb., 65c; lb., $2.00.**

**New Hampshire Midget.** Extra early 6 in. diameter fruits. **½ oz., 20c; oz., 35c; ¼ lb., $1.00.**

## SQUASH

**1 oz. will plant 20 hills; 2 lbs. an acre.**

Do not plant until all danger of frost is over.



Acorn or Table Queen Squash

**Acorn or Table Queen.** (60 days.) A unique winter Squash. Just the right size to cut in half (when it will bake in 20 minutes) and serve individually. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $1.85.**

**Butternut.** A winter variety of fine edible quality and good production. Excellent for pies, boiling or baking. Turban-shaped, fruits 6 to 8 inches in diameter, slightly ribbed, deep dull green faintly striped. **½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., $2.75.**

**Early Prolific Straightneck Yellow.** 50 days. Considered the most valuable and promising of all summer Squash. **Pkt. 15c; oz., 25c; ¼ lb., 75c; 1 lb., $1.85.**

**Gray Zucchini.** 60 days. When matured it is 18 inches long, 5 to 7 inches in diameter and an excellent keeper, very dark green. A bush type and very productive. There is nothing better for slicing and frying when small. **Pkt., 15c; oz., 25c; ¼ lb., 75c; lb., $1.85.**

**Mammoth White Bush.** 54 days. Creamy white and scalloped around the edges; flesh is milk-white and of delicious flavor. Widely used for stewing or broiling. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $1.85.**

**Warted Hubbard.** 110 days. Warted Hubbard Squash has been bred to the highest quality; fruits are large; skin rough, dark green; flesh bright orange, fine grained. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.00.**



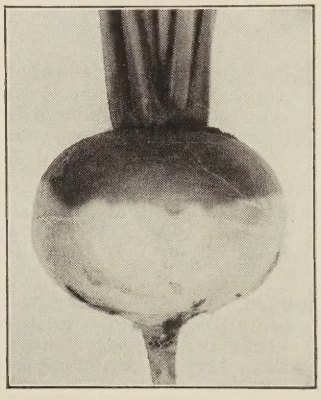
Yellow Summer Crookneck Squash

**Yellow Summer Crookneck.** 55 days. Excels in tenderness, color and productiveness. Served when about 6 in. long, it is delicious. **Pkt., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $1.85.**

## TURNIPS

**Ounce will sow 300 ft. of row.**

**Purple Top White Globe.** Roots globular, smooth; bright purplish red above, white below. Flesh white, firm, fine grained and tender. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c; 10 lbs., $7.50.**

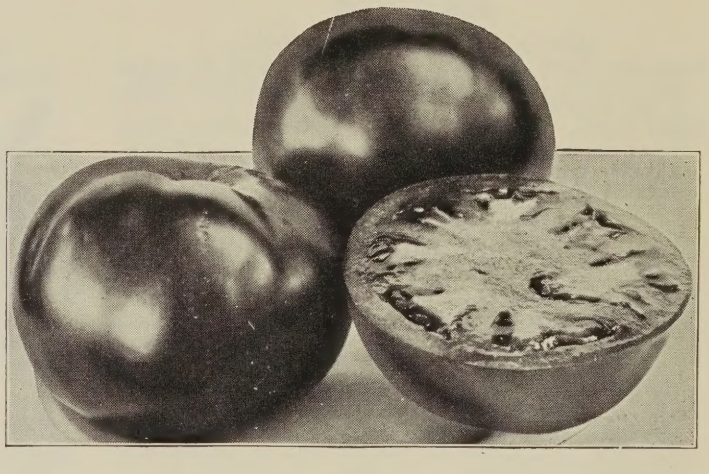


Purple Top White Globe Turnip

**Seven Top, for Turnip Greens.** A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens. **Oz., 10c; ¼ lb., 35c; 1 lb., 90c.**

## TOMATOES

**1 oz. will produce about 2000 plants.**
Tomatoes should be in every garden. It is quite simple to grow your own plants. Sow the seed in a hotbed, or in a shallow box in the house, allowing 6 to 8 weeks to produce plants large enough for setting outdoors when weather becomes warm.
Grow Tomato plants in Tekpak Containers and Plant Bands for early spring sales.



**Burpee $F_1$ Hybrid.** An excellent all-purpose main crop Tomato producing a high yield of firm, thick-walled fruit that averages 8 ozs. in weight. They are deep globular in shape. **Pkt., 35c; 1/16 oz., $1.50; ⅛ oz., $3.00; ¼ oz., $5.00; ½ oz., $10.00; oz., $18.00.**

**Burpee's Big Boy $F_1$ Hybrid.** Very large, round; bright scarlet skin, solid flesh of best quality. **Pkt., 50c; 1/16 oz., $3.00; ⅛ oz., $6.00; ¼ oz., $10.00; ½ oz., $18.00.**

**Early Hybrid E-21.** A very fine early Hybrid Tomato that is adapted to either market or home growing. Fruits are large, a bright red. **Pkt., 35c; ⅛ oz., $1.25; ¼ oz., $2.25; ½ oz., $4.00; 1 oz., $7.50.**

**Bonny Best.** 75 days. One of the most prolific of the early Tomatoes. Medium size, solid, bright red. **Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; 1 lb., $6.50.**

**Break O' Day, Certified.** Wilt resistant. 85 days. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $1.90; 1 lb., $6.75.**

**Crimson Cushion or Beefsteak.** 98 days. Late, red, very large. **Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., $2.50.**

**Earliana. Certified.** Very early—particularly valuable for home and early market garden. Medium size, deep scarlet. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00; 1 lb., $7.00.**

**Firesteel.** 62 days. A small vine, large fruited Tomato that is early, smooth, red through, of semi-acid flavor. For dry seasons there is nothing equal to it. **Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75.**

**Greater Baltimore, Certified.** The leading canning and juice Tomato. Noted for its deep red color throughout, ripens evenly over entire surface. **Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75.**

**Grothen's Globe, Certified.** A much improved type over Break O' Day. It is wilt resistant, produces large deep fruits of full red color. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00.**

**Gulf State Market (Pink).** An excellent shipping variety, also fine for market use. Has particularly heavy skin that is not inclined toward cracking. Our strain is unexcelled. **½ oz., 35c; oz., 60c; ¼ lb., $2.00.**

**Henderson's Winsall.** Is very meaty, the entire fruit being edible, tender and delicious. Color bright pinkish red. **Pkt., 25c; ¼ oz., $1.00; ½ oz., $2.00; oz., $3.50.**

**Jubilee.** 85 days. A new and truly different sort. Orange-yellow in color, it is attractive for salads and juice. Especially recommended for the home garden. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00.**

**Livingston's Globe.** 85 days. A large, purplish pink, globe-shaped or very nearly round Tomato of excellent quality. **Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; 1 lb., $6.50.**

**Marglobe, Certified.** 85 days. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. **Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., $1.85; 1 lb., $6.75.**

**Marhio.** A wilt-resistant pink Marglobe. A popular variety for greenhouse forcing, market and home gardening use. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.25.**

**Michigan Forcing.** Developed especially for growing under glass. A heavy producer of medium sized fruit. **Pkt., 25c; ½ oz., 75c; oz., $1.25.**

**Oxheart.** 100 days. Different in shape from all others resembling a beef heart. The flavor of the pink fruit is mild. **Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., $3.00.**

**Ponderosa.** 90 days. Extremely large; purplish pink, few seeds, mild flavor. **Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., $2.25.**

**Pritchard, Certified.** (Scarlet Topper Certified.) 90 days. Fine all-round variety, heavy yielder; second early wilt-resistant; fruit solid. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00.**

**Rutgers, Certified.** 80 days. Desirable for market gardeners; bright red, smooth. This variety is highly popular with canners, home and market gardeners alike. A very strong grower with fruit slightly larger than Marglobe. **Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., $1.75; 1 lb., $5.90.**

**Stokesdale, Certified.** 75 days. Early, suitable for shipping. Fruits uniform, deep scarlet; globe shape. **Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., $2.00; 1 lb., $7.00.**

**Stone Improved.** Valuable for market and canning; heavy producer; deep scarlet. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; 1 lb., $5.50.**

**Valiant, Certified.** 80 days. A large-fruited market variety, of heavy production. Vines are sparse and open and will produce a large crop. Fruits scarlet, large globe-shaped. **½ oz., 35c; oz., 60c; ¼ lb., $2.00; 1 lb., $7.00.**

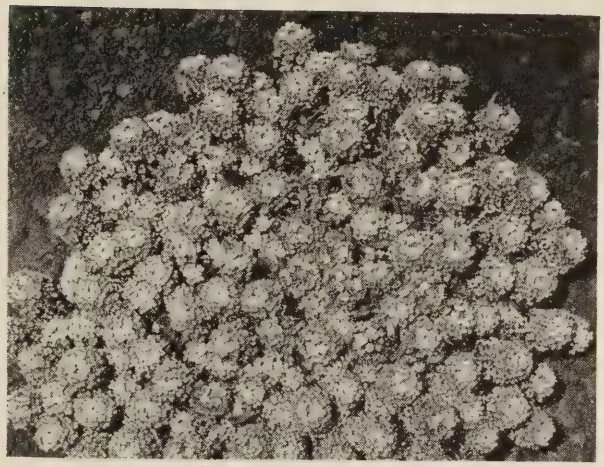
### PICKLING or PRESERVING TOMATOES

**Red Top** (Improved Italian Canner.) Cylindrical, 3x1¼ inches. Solid with no air space. A remarkable keeping Tomato that is extremely popular. **Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., $3.25.**

**Red Cherry**
**Yellow Plum** } Small fruited, for pickles, salads or
**Red Pear** preserves.
**Yellow Husk** or **Ground Cherry**
**Pkt., each 15c; ½ oz., 40c; 1 oz., 75c.**

**Grow plants in Tekpak Containers and Plant Bands for early spring sales.**

# Selected Flower Seeds



Alyssum, Royal Carpet

## AGERATUM, MEXICANUM

| | Tr. pkt. | 1/8 oz. |
|---|---|---|
| **Blue Cap.** 6 in. Dwarf, compact. True blue flowers. Very uniform | $0.35 | $0.65 |
| **Blue Ball Improved.** 6 to 8 in. Large flowered strain ..... ¼ oz., $1.25 | .35 | .65 |
| **Blue Mink.** (New). Tetraploid. Large, powder-blue flowers are liberally borne on 8-inch plants | .50 | 1.50 |
| **Midget Blue.** Fine dwarf, compact, rich blue ..... ¼ oz., $1.25 | .35 | .75 |

## ALYSSUM

| | Tr. pkt. | Oz. |
|---|---|---|
| **Carpet of Snow.** The best extra dwarf strain we know of ..... ¼ oz., 35c | $0.20 | $1.00 |
| **Little Gem.** 6 inches. White, good even stock ..... ¼ oz., 35c | .20 | 1.00 |
| **Royal Carpet.** Purple in color like a tropical sea. Grows 4 to 6 in. high. Fine for edging for flower beds. ⅛ oz., 65c | .35 | 3.50 |
| **Snowdrift.** Maritimum Tetraploid. Huge, snowy white blooms on uniform, 12-inch plants. Fine for cutting ..... ¼ oz., 50c | .25 | 1.50 |
| **Violet Queen.** Bright violet, dwarf, compact, fine for bedding and borders ..... ¼ oz., 40c | .25 | 1.50 |

## ALYSSUM (Perennial)

| | Tr. pkt. | Oz. |
|---|---|---|
| **Saxatile Compactum** (Basket of Gold.) An indispensable plant for the rockery or border, growing 1 foot high ..... ¼ oz., 35c | $0.20 | $1.00 |

## AMARANTHUS

**Tricolor Splendens** (Joseph's Coat). Yellow, red and green with showy heads, 3 ft. **Tr. pkt., 25c; ¼ oz., 45c.**

**Molten Fire.** Dark foliage with brilliant Poinsettia-like heads. 4 ft. **Tr. pkt., 25c; oz., 45c.**



Amaranthus Tricolor

## ANCHUSA (Annual)

**Blue Bird.** Attractive deep forget-me-not-blue flowers. 18 in. **1 oz., $1.00; tr. pkt., 20c; ¼ oz., 35c.**

## ANCHUSA (Perennial)

| | Tr. pkt. | 1/8 oz. |
|---|---|---|
| **Myosotidiflora.** 10 inches high, producing during April and May sprays of Forget-Me-Not-blue flowers. Excellent for the rock garden. Seed should be refrigerated 72 hours before sowing | $0.40 | $1.00 |

## ANTHEMIS - Marguerite (Perennial)

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Kelwayi.** A most satisfactory hardy perennial bearing daisy-like, golden yellow blossoms; excellent for cutting | $0.30 | $0.50 |

## AQUILEGIA - Columbine (Perennial)

### Long-Spurred Columbine

The plants are of strong, thrifty growth, with flowers of largest size.



Aquilegia, Long-Spurred Hybrid

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Blue Shades.** A very fine strain of light and dark blue shades ..... ⅛ oz., 85c | $0.40 | $1.50 |
| **Copper Queen.** Copper-red and straw corolla ..... ⅛ oz., 85c | .40 | 1.50 |
| **Crimson Star.** Crimson, the center white ..... ⅛ oz., 85c | .40 | 1.50 |
| **McKana's Giant.** Large, extra long-spurred flowers 3 to 4 inches across in a gay mixture of colors ..... ⅛ oz., $1.50 | .65 | 2.50 |
| **Mrs. Scott Elliott's Hybrids.** An excellent and popular long-spurred mixture ..... ⅛ oz., 75c | .35 | 1.25 |
| **Orange and Scarlet Shades.** Contains fine shades of orange-scarlet ..... ⅛ oz., 85c | .40 | 1.50 |
| **Rose Queen.** Pink shades, long spurs. 2½ ft. ..... ⅛ oz., 85c | .40 | 1.50 |
| **Snow Queen.** 18 in. Finest pure white variety ..... ⅛ oz., 85c | .40 | 1.50 |

## ARABIS - Rock Cress (Perennial)

| | Tr. pkt. | 1/8 oz. |
|---|---|---|
| **Snow Cap.** The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears | $0.35 | $0.60 |

## ARMERIA - Sea Pink; Thrift (Perennial)

| | Tr. pkt. | 1/8 oz. |
|---|---|---|
| **Formosa hybrida.** Heads of rosy pink flowers. Useful for edging or rockery. | $0.35 | $0.75 |

## ASPARAGUS

Carefully harvested, hand-picked, plump, well-matured seed.

| | 250 seeds | 1000 seeds |
|---|---|---|
| Plumosus | $0.75 | $2.50 |
| Sprengeri | .75 | 2.50 |

# ANTIRRHINUM or SNAPDRAGON
## SNAPS for Greenhouse Forcing

### BRONZE

Tr. Pkt.

**Barbara.** (Yoder.) Hybrid bronze, pink throat and bright bronze lip. Early ..... $3.50
**Cavalcade.** (Yoder Bros.) Lively golden bronze, long spikes. 3.50
**Gallant Fox.** (Yoder Bros.) Deep orange-bronze, early..... 3.50
**Indian Summer.** (Pan-Am.) Medium bright bronze..... 3.00
**Rockwood's Hybrid Bronze No. 25.** Reddish bronze..... 3.50

### PINK and ROSE

**Christina.** (Yoder.) Color midway between Mary Ellen and Dorcas Jane with larger and more closely spaced florets.... 3.50
**Crusader.** (Yoder Bros.) Light rose-pink similar to Dorcas Jane. Early..... 3.50
**Hercules.** (Ball Hybrid No. 21.) Light pink, extra hard stem. Close-set florets, graceful spike. Midseason..... 3.50
**Libby.** (Yoder.) Dark rose-pink hybrid with very strong stems and vigorous growth. It is a second early..... 3.50
**Mary Ellen.** (Yoder.) A light rose-pink..... 2.50
**Native Dancer.** (Yoder Bros.) New. This light pink is a shade darker than Rosebud. Stems are hard and clean with well formed flower spikes ..... 3.50
**New Times.** (Pan-American.) The best early, bright deep rose thus far. Medium long spikes, firm stems ..... 3.00
**Pensive.** (Yoder Bros.) Deep rose-pink, medium early ..... 3.50
**Peggy Schumann Pink.** A large close-flowering spike on a strong, sturdy stem ..... 2.00
**Prestige** (Yoder Bros.) New. Lustrous dark pink, a new color. Full large spikes. Medium early ..... 3.50
**Rosebud.** (Yoder Bros.) New. Soft pastel pink. Extra vigorous and uniform. Late..... 3.50
**Rowena.** (Yoder Bros.) New. Light rose-pink. Early..... 3.50
**Spartan Rose.** Medium early. Soft rose. Well-placed florets. 3.00
**Top Flight.** (Yoder Bros.) Light pink, earlier than Christina 3.50
**Whirlaway.** (Yoder Bros.) Pink with large yellow lip. Midseason ..... 3.50
**Wintergreen.** (Yoder Bros.) New. Fine light rose-pink. Very compact. Early..... 3.50

### RED

**Commando.** (Yoder Bros.) A good red hybrid Snap. A pleasing color, early..... 3.50
**Navajo.** (Ball Hybrid No. 8.) Midseason. Red..... 3.50
**Priscilla Ann.** (Yoder.) Hybrid. Velvety crimson florets... 3.50
**Rockwood's Hybrid Red No. 15.** Dark early red-crimson.... 3.50
**Schumann's Velvet Red.** A true dark red-violet..... 3.00

### LAVENDER

Tr. Pkt.

**Bold Venture.** Rich lavender. Early, uniform ..... $3.50
**Schumann's Lavender.** Excellent, large flowered—rosy lavender ..... 2.00
**Lavender Lady.** (Ball.) Deep rosy lavender, for late winter and spring ..... 3.50

### WHITE

**Apollo.** (Yoder Bros.) Large-flowered ivory-white, more vigorous than Margaret..... 3.50
**Jet Pilot.** (Yoder Bros.) A medium early paper-white. Long spikes ..... 3.50
**Citation.** (Yoder Bros.) Hybrid. Very large ruffled florets of ivory-white compactly spaced on long spikes..... 3.50
**Margaret.** (Yoder.) The most popular winter-blooming ivory-white. The stem is exceptionally stiff..... 2.00
**Rockwood's Hybrid White No. 5.** Fine for fall and early winter ..... 3.50
**Snowdrift Improved.** (Pan-Am.) All double pure white, midseason. Excellent spikes..... 3.00
**Snowman.** (Ball.) Pure white, early..... 3.50
**Spartan White.** Excellent pure white for early..... 3.00
**Twenty Grand.** (Yoder Bros.) Early winter-flowering ivory-white, fine keeping qualities..... 3.50
**White Knight.** (Yoder Bros.) Paper-white, compact habit. Extra-large flowers. Early ..... 3.50

### YELLOW

**Broker's Tip.** (Yoder Bros.) New. Deep yellow, holds color exceptionally well. Late..... 3.50
**Golden Spike No. 1.** (Ball.) Rich, deep golden yellow. Heavy producer. Best yellow for late winter and spring... 3.50
**Patricia.** (Yoder.) Deep yellow hybrid with Margaret characteristics of form and growth..... 3.50
**Rockwood's Hybrid Yellow No. 10.** Deep yellow. For fall and early winter..... 3.50
**Sea Biscuit.** Outstanding winter or spring yellow..... 3.50
**War Admiral.** (Yoder Bros.) Outstanding winter-flowering yellow ..... 3.50

## ROCKWOOD'S SUMMER SNAPS

**Crystal White, Summer Pink No. 1, Summer Yellow, Summer Red**..... 3.00

# ANTIRRHINUM or SNAPDRAGON
## OUTDOOR GARDEN VARIETIES

### TETRAPLOID SNAPS

Tetraploid Snaps or "Tetras" have larger florets.

**Tetra Pink Shades.** Pink to deep rose.
**Tetra Orchid.** Purple with yellow blotch.
**Tetra Yellow.** Golden yellow.
**Tetra.** White and pink.
**Tetra White.** Pure white.

**Tr. pkt., 50c; 1/16 oz., $1.00; 1/8 oz., $1.85.**

**Tetra Ruffled Mixed.** A fine mixture of all colors.
**Tr. pkt., 35c; 1/16 oz., 60c; 1/8 oz., $1.00.**

### SNAPDRAGON Super Majestic

**Rust-Resistant. 20 in.**

A medium tall class of base branching plants with heavy compact spikes of large blooms.

**Alaska.** White.
**Rose Beauty.** Deep rose.
**Eldorado.** Deep yellow.
**Garnet.** Rich velvety crimson.
**Red Rocket.** Bright red.
**Rose Sensation.** Rose-pink.
**Super Majestic Mixed.**

**Prices on above:**
**Each: Tr. pkt., 30c; 1/8 oz., 50c; 1/4 oz., 95c.**

**$F_2$ SNAPDRAGON, CARROUSEL.** Grown from selected $F_1$ Snapdragons, chosen after extensive trials, this new mixture offers wide color range and exceptional hybrid vigor for superior garden performance. Plants are early, fast growing, uniform in height at about thirty inches, with flowers evenly spaced on long stems.

**Tr. pkt., 50c; 1/8 oz., $1.00.**

### SNAPDRAGON Maximum or Super Giants

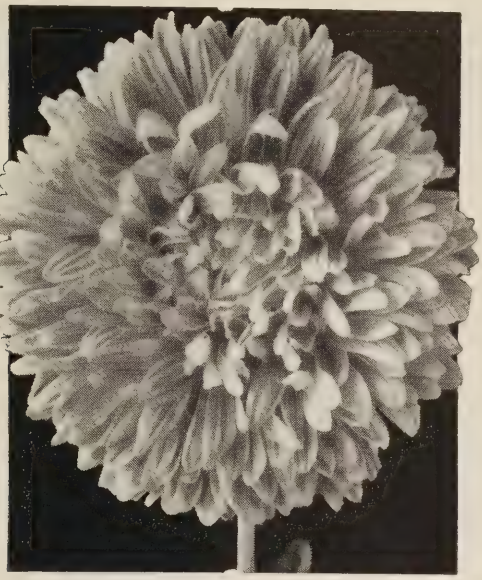
**Rust-Resistant. 2¾ feet.**

In habit these are taller than the Majestic group and the individual flowers are much larger. Fine for cutting

**Campfire.** Luminous scarlet.
**Canary Bird.** Canary-yellow.
**Copper Queen.** A real true copper-scarlet.
**Padre.** Majus, glossy deep crimson, dark stems.
**Paradise Rose.** Maximum, an alive light pink.
**Shasta.** Pure white.
**Yellow Giant.** Deep yellow.
**Maximum Mixed.**

**Prices on the above varieties:**
**Each: Tr. pkt., 30c; 1/8 oz., 50c; 1/4 oz., 90c.**





Early Royal

Grow a few hundred in Plant Bands. You will find a ready market for early spring sales.

### Aster, Extra Early Type

**Early Giant Finest Mixed.** Flowers are Giants of California type, blooming 4 to 6 weeks earlier. Plants 1½ feet with strong heavy stems. **Tr. pkt., 40c; ¼ oz., 75c; 1 oz., $2.50.**

### Aster, Queen of the Market

A very popular early flowering type. Branching freely near the ground, about 20 inches tall. Produces nearly round fully double blooms.

**Azure-Blue.**
**Ballet Queen.** Salmon-rose.
**Dark Blue.**
**Flesh-Pink.**
**Light Blue.** Medium blue.
**Rose.** Soft rose.
**Scarlet.**
**White.**

**Queen of the Market Mixture.**

**Prices above each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., $2.00.**

### Aster, Early Royal

Blooms mid-July, directly following the Queen of the Markets. 2 feet.

**Azure-Blue or Dark Lavender.**
**Deep Rose.** Taller.
**Purple.** Deep purple.
**Shell-Pink.**
**White.**

**Royal Mixture.**

**Prices above each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., $2.00.**

### Giant Crego Improved (Incurved) 2½ feet

Twisted and curled petals. Flowers of good size.

**Azure-Blue.**
**Blue Flame.** Bright navy-blue.
**Crimson.**
**Deep Rose.** Bright rose.
**Light Blue.**
**Pink.** Shell-pink.
**Purple or Dark Blue.**
**White.**
**Crego Mixed.**

**Prices above each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., $2.00.**

### Aster, Super Giant

The long-awaited wilt resistant strain of true giant ostrich-feathered flowers with long heavy non-lateral stems, borne on plants 3 feet high. Blooms late summer to frost. The best giant Aster.

**Beverly Hills.** Azure-blue.
**Hollywood.** Pure paper-white.
**Los Angeles.** Shell-pink.
**Santa Barbara.** Dark purple.
**Finest Mixed.** Full mixture of all colors.

**Prices on above varieties: Each tr. pkt., 40c; ¼ oz., 90c; oz., $3.00.**

## ASTERS - Wilt-Resisting

**10,000 Seeds per oz.**

### Aster, American Branching

Plants 2½ to 3 feet tall, branching, robust, flowers large, double and fine form. Flowers late August and early September.

**Azure-Blue or Dark Lavender.**
**Peerless Pink.**
**Purple.**
**Rose.**
**White.**

**American Branching Mixed.**

**Prices above each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., $2.00.**

### Aster, Heart of France

**Brilliant Red.** Blooms about August 15th. Generally considered the best red Aster. **Tr. pkt., 40c; ¼ oz., 90c; 1 oz., $3.00.**

### Asters, Bouquet Type

A new class of Aster developed for the cut-flower market. 24 inch. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems.

**Bouquet Rose.** Dark stems.
**Bouquet Rose-Pink.** Florist's pink, light stems.
**Bouquet White.**
**Powder Puffs.** The mixture of all colors. The 2-ft. plants are literally covered with full double "puff ball" cut flowers.

**Prices on above: Each tr. pkt., 40c; ¼ oz., $1.00; oz., $3.75.**

### Aster, Bedding Princess (Marsha Type)

New, compact branching plant form (identical with that of the variety Princess Marsha) 20-24 in. high, completely covered with 3-inch, true Princess flowers when plants bloom in late August.

**Azure-Blue.**
**Goldilock.** Yellow.
**Mid-Blue.**
**Rose-Pink.**
**Rose.**
**White.**

**Princess Mixed.**

**Prices on above: Each tr. pkt., 40c; ¼ oz., 90c; oz., $3.00.**

### BALSAM

Makes fine flowering plants in small pots for spring sales from Jan. sowing.

**Bush-Flowering Rose. Tr. pkt., 35c; ¼ oz., 60c.**

**Bush-Flowering Mixed. Tr. pkt., 35c; ¼ oz., 60c.**

**Camellia-flowered Mixture, Tr. pkt., 25c; ¼ oz., 50c.**



Balsam

### Bellflower, Bells of Ireland

**Bells of Ireland.** Graceful 2-ft. branching stems are so surrounded by 2-inch flowers there is little room for leaves. The bell-shaped calyx of the flower is green and delicately veined. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

### BELLIS PERENNIS—Double English Daisy

This popular Double English Daisy is much used for spring and early summer bedding.

**Monstrosa Gigantea. Red, Rose, White, Mixed. Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.**

## BEGONIA

Among the best bedding plants for semi-shady positions and equally valuable for house culture and pots.

| Fibrous Rooted | Tr. pkt. |
|---|---|
| **Carmen.** Bright rose flowers, bronze foliage | $1.25 |
| **Ball Red.** Bright scarlet-red flowers. Fairly dwarf. | 1.25 |
| **Fireball.** Best substitute for Heterosis Red Pearl | 1.50 |
| **Indian Maid.** Scarlet-bronze foliage | 1.25 |
| **Luminosa.** Deep scarlet with reddish foliage | 1.25 |
| **Pink Pearl.** Dwarf rich pink, one of the best for pot culture. Originator's seed | 1.50 |
| **Red Pearl.** Dwarf, brilliant dark scarlet. Originator's seed | 1.50 |
| **Scandinavia Pink.** Large-flowered pink | 1.25 |
| **Scandinavia Red.** Like above except in color | 1.25 |
| **Scandinavia White.** A free-flowering white | 1.25 |
| **Snowbank.** The best dwarf white | 1.25 |
| **White Pearl.** Pure white | 1.25 |

## BROWALLIA

**Speciosa Major Blue.** A very free flowering plant for indoor blooming. Flowers the size of large single Violets and a rich deep blue. Sow in early fall and give Carnation temperature. **Tr. pkt., $1.00; 1/16 oz., $2.00.**

## CALCEOLARIAS

Excellent and easily grown pot plants for a reasonably priced showy item for Easter and Mother's Day. Best sown in pans in light soil during July and August

**Multiflora** (Triumph Strain). The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. **Tr. pkt., $1.25.**

**Multiflora Nana Mixture.** Large heads of medium sized flowers in brilliant reds, yellows and intermediate shades. The dwarf plants are wiry in growth with small durable leaves. **Tr. pkt., $1.25.**

## CALLIOPSIS

**Gold Crest.** Produces large, semi-double, golden yellow flowers with reddish brown eyes. **Tr. pkt., 25c; ¼ oz., 40c.**

## CALENDULA

Calendula are easily grown in a cool house. A mid-winter temperature of 45 degrees at night is best.

**Ball's Gold Improved.** Deep golden yellow.
**Ball's Lemon Queen.** Clear yellow, dark center.
**Ball's Masterpiece.** Long stemmed orange, dark center.
**Ball's Improved Long Orange.** Clear orange.
**Sensation Improved.** Long stems, brilliant orange.

**Prices of the above: Tr. pkt., 25c; ¼ oz., 45c; oz., $1.50.**

**Orange King.** Rich deep orange-red, dark center, medium; fine for pots and bedding. **Tr. pkt., 25c; ½ oz., 60c; oz., $1.00.**

## CAMPANULA MEDIUM - Canterbury Bells

CALYCANTHEMA (Cup-and-Saucer)

Similar to Single Canterbury Bells but with a large calyx which is the same color as the cup-shaped corolla. Blooms in June. 2 ft.

Dark Blue — Rose
Light Blue — White

**Tr. pkt., 35c; ¼ oz., 75c.**

**Choice Mixed.** Extra fine. **Tr. pkt., 30c; ¼ oz., 65c.**



**Candytuft, Giant Hyacinth Flowered**

## CANDYTUFT

**Giant Hyacinth Flowered White. Extra Select.** This is a very superior strain; it grows about 1½ feet high, with enormous trusses of blooms. **Tr. pkt., 25c; ½ oz., 50c; 1 oz., 90c; ¼ lb., $3.00; lb., $9.00.**

**Iceberg.** A new Super Hyacinth-Flowered Florist Candytuft. Bloom size is unsurpassed. The individual florets are up to two times as large as any Candytuft previously offered. A striking variety for florist work. **Tr. pkt., 40c; ½ oz., 90c; 1 oz., $1.50; 4 ozs., $5.00.**

## CANDYTUFT, PERENNIAL - Iberis

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Gibraltarica.** Lilac, shading to white | $0.25 | $0.50 |
| **Sempervirens.** White, 1 ft. ⅛ oz., 75c. | .40 | 1.25 |

## CANDYTUFT, UMBELLATA

A popular spring cut flower. Sow in January.

| | Tr. pkt. | Oz. | ¼ lb. |
|---|---|---|---|
| **Flesh-Pink** | $0.25 | $0.65 | $2.00 |
| **Lavender** | .25 | .65 | 2.00 |
| **Rose Cardinal** | .25 | .65 | 2.00 |
| **White** | .25 | .65 | 2.00 |
| **Fine Mixed.** All varieties | .25 | .60 | 1.75 |

## CARNATION, CHABAUD'S GIANT IMPROVED

These Carnations come into bloom five months from time seed is planted and continue to bloom throughout the summer.

**Mixed. Tr. pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.25.**

## CARNATION, GRENADIN

Perennial

A hardy type which is excellent for cutting. 18 in.

| | Tr. pkt. | ⅛ oz. | ¼ oz. |
|---|---|---|---|
| **Cardinal-Red** | $0.35 | $0.75 | $1.35 |
| **Snow-White** | .35 | .75 | 1.35 |
| **Triumph Deep Pink** | .35 | .75 | 1.35 |
| **Grenadin Mixed** | .30 | .65 | 1.25 |
| **Grenadin Dwarf, Bright Scarlet** | .35 | .75 | 1.35 |



Dwarf Feathered Celosia

## CELOSIA, DWARF
### Lilliput or Dwarf Feathered

Dwarf, compact plants, each tipped with brilliant silky plumes. Makes an imposing display in beds, borders, edgings, pots and boxes. A great bloomer. 1 ft. tall.

| | Tr. pkt. | ⅛ oz. |
|---|---|---|
| **Dwarf Fire Feather** | $0.30 | $0.70 |
| **Dwarf Golden Feather** | .30 | .70 |
| **Dwarf Feather Mixture** | .30 | .70 |

## CELOSIA, CRISTATA (Cockscomb)

**Dwarf.** Excellent. The popular Cockscomb for beds, borders and pots.

**Dwarf Kardinal.** Orange-scarlet, a brilliant new color with light green foliage. 8-inch plants. **Tr. pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.75.**

**Empress.** Bright red; dark foliage.

**Glasgow Prize (Pres. Thiers).** Dark crimson; green foliage.

**Finest Mixed.** All colors with dark and light foliage.

**The above 3: Tr. pkt., 30c; ⅛ oz., 50c; ¼ oz., 75c.**

## CELOSIA (Plume Type) TALL

The increasing popularity of this showy annual is explained by its ease of growth, making showy mass effects in poor soil and hot climates.

**Scarlet Plume.** 4 ft. Brilliant fiery red. For fall borders and for cutting. **Tr. pkt., 30c; ¼ oz., 75c; oz., $2.50.**

**Golden Plume.** Tall. Same as above except a rich golden yellow. **Tr. pkt., 30c; ¼ oz., 75c; oz., $2.50.**

**Golden Fleece.** The clear golden yellow. **Tr. pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.00.**

**Pampas Plume.** Giant-flowered in bronze, copper, gold and sunset shades. **Tr. pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.00.**

**Thompsoni Magnifica Finest Mixed.** A fine popular tall growing variety. **Tr. pkt., 30c; ¼ oz., 70c; 1 oz., $2.25.**

## CELOSIA (Cockscomb) TALL

**Toreador.** Half dwarf. Uniform strain with red combs and green leaves; plants 18 to 20 inches high. **Tr. pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.75.**

**Royal Velvet.** A uniform strain of semi-tall "cockscomb" Celosia. Crimson combs borne well above foliage on 24- to 30-in. stems. **Tr. pkt., 30c; ¼ oz., 75c; 1 oz., $2.50.**

**Tall Mixture.** 40 in. Mixture of all colors in the tall class. **Tr. pkt., 30c; ¼ oz., 75c; oz., $2.50.**

**Grow a few hundred in PLANT BANDS. You will find a ready market for early spring sales.**

## CENTAUREA CYANUS, DOUBLE
**(Cornflower or Bachelor's Button). 3 ft.**

Sow outdoors in September, same as Larkspur.

| | Tr. pkt. | Oz. | Lb. |
|---|---|---|---|
| **Blue Boy.** Finest blue | $0.20 | $0.60 | $6.50 |
| **Pinkie.** Fine deep pink | .20 | .60 | 6.50 |
| **Red Boy.** Deep carmine-rose | .20 | .60 | 6.50 |
| **Snow Man.** White | .20 | .60 | 6.50 |
| **Double Finest Mixed** | .20 | .55 | 5.50 |

## CENTAUREA, WHITE-LEAVED
**(Dusty Miller)** For borders, vases, baskets.

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Candidissima.** 6 in. Silver-gray foliage | $0.40 | $0.95 |
| **Gymnocarpa.** 24 in. Fine, silvery foliage. | .20 | .40 |

**Maritima Diamond.** 10 in. An improved strain of Dusty Miller. Compact, even growth and very white foliage. **Tr. pkt., 20c; ¼ oz., 50c; 1 oz., $1.50.**

## CERASTIUM

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Tomentosum** (Snow-in-Summer). Silvery white foliage. White flowers. 16 in. | $0.30 | $0.60 |

## CHEIRANTHUS - Wallflower

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Allioni.** Brilliant orange | $0.20 | $0.35 |

## CINERARIA HYBRIDA

Splendid plants for winter and spring house decoration. Rich in shades of blue, carmine, pink, white, etc.; many combinations.

| | Tr. pkt. |
|---|---|
| **Cremer's Improved Prize Strain.** This excellent strain contains a full range of colors. Very large heads. Plants semi-dwarf habit with small foliage | $1.50 |
| **Siter Rainbow Strain.** Remarkable for its wide range of color and especially rich in blue shades. | 1.50 |
| **Siter's Hybrid.** Attractive light-eyed strain. Medium large flowers, compact growth with small foliage. Originator's pkts. | 5.00 |

## CLARKIA ELEGANS DOUBLE

2 feet. Sow in January, grow on in a flat or shallow raised bed. Must be run dry and not fed during growing season. **Finest Mixed. Tr. pkt., 25c; ¼ oz., 50c.**

## CLEOME - Spider Plant 4 feet tall.

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Helen Campbell.** Pure white | $0.35 | $0.60 |
| **Pink Queen.** Color a refreshing pink | .30 | .50 |

## COLEUS

Brilliantly colored foliage plants for beds, borders, pots or edging. Easy to grow from seed.

| | Tr. pkt. |
|---|---|
| **Large Leaved Hybrids.** Seed saved from newest and finest large leaved varieties | $1.00 |
| **Rainbow Mixed.** An excellent selection, highly colored | 1.00 |

## COREOPSIS GRANDIFLORA (Perennial)

| | Tr. pkt. | ¼ oz. | 1 oz. |
|---|---|---|---|
| **Double Sunburst.** Fully double golden yellow | $0.25 | $0.45 | $1.50 |
| **Mayfield Giant.** Extra large deep golden yellow. Single | .25 | .40 | 1.25 |

## COSMOS, SINGLE SENSATION

The most satisfactory class of Cosmos to grow.

**Cardinal.** Crimson. **Purity.** Pure white.
**Pinkie.** Light pink. **Radiance.** Bi-colored rose.

**Sensation Mixed.**

**Tr. pkt., 25c; ¼ oz., 40c; oz., $1.50.**

**Fiesta.** Orange petals are flashed or striped with scarlet. **Pkt., 30c; ¼ oz., 60c.**

## CUPHEA

Tr. pkt.

**Firefly.** A very attractive spring pot plant that may be planted out for bedding and border work. Height 12 in. and covered with small bright scarlet flowers throughout the summer. . **$0.35**

## CYCLAMEN GIGANTEUM

FAMOUS BINNEWIES STRAIN

All seeds are packed in original Binnewies sealed packages.

| | Per 100 | Per 1000 |
|---|---|---|
| **No. 1. Dark Blood-red** | **$1.85** | **$16.00** |
| **No. 2. Bright Red** | **1.85** | **16.00** |
| **No. 3. Pure Rose** | **1.85** | **16.00** |
| **No. 5. White** with carmine eye | **1.85** | **16.00** |
| **No. 6. Pure White** | **1.85** | **16.00** |
| **No. 7. Bonfire.** Brilliant salmon | **2.25** | **20.00** |
| **No. 8. Salmon-Scarlet** (America Improved) | **2.25** | **20.00** |
| **No. 9. New Salmon-Rose Improved** | **2.25** | **20.00** |
| **No. 10. Salmon Color Dark** (Perle of Zehlendorf) | **1.85** | **16.00** |
| **No. 11. Salmon Color Light** (Rose of Zehlendorf) | **1.85** | **16.00** |
| **No. 15. Saffron Red,** silver edge | **2.25** | **20.00** |
| **No. 24. Mixed Varieties** | **1.85** | **16.00** |

## CYNOGLOSSUM - Chinese Forget-Me-Not

Tr. pkt. ¼ oz.

**Firmament.** A dwarf (15 inches) selection from the original blue strain; rich blue, even habit . . . . . **Oz., $1.50** . . **$0.25** **$0.45**



**Dahlias, Unwin's Dwarf Hybrids**

## DAHLIA

Seeds sown in March, plants will be in bloom by the end of June. Graceful, semi-double flowers in a wide range of colors. Because of the wide variation in colors and types, seedling Dahlias are interesting to grow and tubers may be saved from the choicest specimens.

**Unwin's Dwarf Hybrids.** Double and semi-double types. Very even habit, 18 inches, with an attractive bright color range. **Tr. pkt., 35c; ¼ oz., 75c; 1 oz., $2.25.**

## DAHLIA, FALL FESTIVAL (New)

Here is a Dahlia that can easily be grown from seed, and will be of interest both to the home gardener and bedding plant grower. The flowers are double, semi-double and a small proportion of singles. **Tr. pkt., 40c; ⅛ oz., 75c; ¼ oz., $1.35; 1 oz., $4.50.**

## DAISY—SHASTA CHRYSANTHEMUM MAXIMUM

**(Perennial)**

**Shasta Alaska.** The most popular of all. Very large, pure white flowers with small yellow centers. 2½ ft. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

**Double Shasta Alaska.** A fine double cut flower variety, about 70% double. **Tr. pkt., 50c.**



**Delphinium, Pacific Giants**

**Grow a few hundred in PLANT BANDS. You will find a ready market for early spring sales.**

## DELPHINIUM (Perennial)

**Belladonna Type**

This much improved strain has larger flowers, well spaced on longer spikes.

**Belladonna Improved.** Light blue, large flowered and a strong grower. **Tr. pkt., 40c; ¼ oz., $1.00; 1 oz., $3.00; ¼ lb., $11.00.**

**Bellamosum Improved.** Extra select, dark blue, large flowers. **Tr. pkt., 40c; ¼ oz., $1.00; 1 oz., $3.00; ¼ lb., $11.00.**

**Blackmore and Langdon Hybrids.** Shades of blue with contrasting bees. **Tr. pkt., 40c; ¼ oz., $1.00; 1 oz., $3.00.**

**Sapphire.** Large flowered bright blue with small golden bee. **Tr. pkt., 50c; ¼ oz., $1.40; 1 oz., $5.00.**

**Wrexham or Hollyhock Strain.** Extra large tapering spikes. **Tr. pkt., 50c; ¼ oz., $1.50; 1 oz., $5.50.**

## DELPHINIUM PACIFIC GIANTS

Remarkable new strain developed by Vetterle and Reinelt. Flowers extremely well formed. The flowers are of immense size, well formed, 2½ to 3½ inch diameter.

**Astolat Series.** An entirely new Hybrid varying in color from pale blush through lilac-pink.
**Black Knight Series.** The darkest of them all.
**Blue Bird.** A clear medium blue with huge tall spikes.
**Bluejay Series.** The color is clear medium to dark blue.
**Cameliard Series.** A pure lavender self, with white bee.
**Galahad Series.** Finest white of enormous size.
**Guinevere.** Light pink-lavender with white bee.
**King Arthur.** Brilliant royal velvet with large white bee.
**Round Table Series.** Finest mixed.
**Summer Skies.** Light blue with white bee.

**Prices of Above Varieties:**
**Tr. pkt., $1.25; ⅛ oz., $2.50; ¼ oz., $4.00; oz., $15.00.**



Dianthus, Sweet Wivelsfield

## DIANTHUS - Pinks (Annual)

Brilliantly colored, sweet scented flowers for beds, borders, rock gardens, edgings and cutting. Plants grow about 1 ft. tall.

| | Tr. pkt. | ¼ oz. | Oz. |
|---|---|---|---|
| **Fireball.** Double dark scarlet | $0.25 | $0.50 | $1.50 |
| **Gaiety.** Large, single fringed flowers. A brilliant range of colors. | .25 | .40 | 1.25 |
| **Double Gaiety.** Brilliant shades in a full range of colors | .30 | .50 | 1.50 |
| **Sweet Wivelsfield.** The plants grow 12 inches high, showy blooms of pink and crimson | .25 | .40 | 1.25 |
| **Westwood Beauty.** A new single red Dianthus with long stems | .30 | .50 | 1.50 |

## DIANTHUS (Perennial)

| | Tr. pkt. | ⅛ oz. | ¼ oz. |
|---|---|---|---|
| **Allwoodi Alpinus.** Flowers first year from seed. 4 to 6 inches high; mixed colors | $0.40 | $0.85 | $1.50 |
| **Deltoides Brilliant.** Rich rose-pink | .35 | .75 | |

## DIANTHUS (Perennial)

Dianthus Plumarius

| | Tr. pkt. | ⅛ oz. | ¼ oz. |
|---|---|---|---|
| **Spring Beauty.** Double giant-flowered Carnation-like in form | $0.35 | $0.75 | $1.25 |
| **Scoticus Double Special Florist Strain.** Self colors of various tints of pink, rose, salmon and white, and the combination of these colors. 12-15 inch stems. | .35 | .75 | 1.25 |

## DIDISCUS

| | Tr. pkt. |
|---|---|
| **Coeruleus.** Blue Lace Flower | $0.25 |

## DIGITALIS - Foxglove

(Perennial)

| | Tr. pkt. | ⅛ oz. |
|---|---|---|
| **Giant Shirley Mixed.** A greatly improved strain of unusually strong, vigorous growth. Enormous spikes 3 to 5 feet in length set with very large flowers | $0.25 | $0.50 |

## DRACAENA

**Indivisa.** Narrow green leaves. The popular kind for bedding or vases. **Tr. pkt., 25c; ½ oz., 75c.**

## ESCHSCHOLTZIA (California Poppy)

**Choice Mixture.** A mixture of dwarf erect varieties containing many new colors. **Tr. pkt., 20c; ¼ oz., 45c; oz., $1.75.**

## FEVERFEW - Matricaria

While generally raised from cuttings, nice stock can be grown from seed and and it makes an excellent cut flower.

**Ball's Double White.** Extra. **Tr. pkt., 35c; ⅛ oz., $1.00; ¼ oz., $1.75.**

**Dwarf Double Golden Ball. Tr. pkt., 30c; ⅛ oz., 75c.**

## FORGET-ME-NOT - Myosotis

(Biennial)

| | Tr. pkt. | ⅛ oz. |
|---|---|---|
| **Alpestris, Victoria.** Azure-blue | $0.35 | $0.85 |
| **Victoria Rosea.** Bright rose | .35 | .85 |
| **Royal Blue** (Indigo-Blue). 12 in. | .35 | .65 |
| **Oblongata, Blue Bird.** Large deep blue flowers 3 to 4 months after sowing; height 1 ft. | .35 | .65 |

## FOUR O'CLOCK

| | Pkt. | Oz. |
|---|---|---|
| **Marvel of Peru, Mixed** | $0.20 | $1.00 |

## GAILLARDIA GRANDIFLORA

(Perennial)

| | Tr. pkt. | Oz. |
|---|---|---|
| **Burgundy.** Self-colored wine-red, 2½ in. in diameter, on long stiff stems, from June until fall ¼ oz., $0.70 | $0.35 | $2.25 |
| **Dazzler.** Large flowers, bright golden yellow, with rich maroon-red center. 3 ft. ¼ oz., 60c | .30 | 2.00 |
| **Goblin.** Very compact globular plants, red and yellow bi-color ¼ oz., 75c | .35 | 2.50 |
| **Portola Hybrids.** The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft. ¼ oz., 60c | .35 | 2.00 |

## GAILLARDIA PICTA

(Annual)

| | Tr. pkt. | Oz. |
|---|---|---|
| **Lorenziana Double Choice Mixed** ¼ oz., 50c | $0.25 | $1.25 |
| **Indian Chief.** Single. Brilliant bronzy red. | .25 | 1.25 |

## GEUM (Perennial)

**Lady Stratheden.** Double golden yellow. **Tr. pkt., 35c; ¼ oz., 75c.**

**Mrs. Bradshaw.** Double fiery orange-red. **Tr. pkt., 35c; ¼ oz., 75c.**

## GLOXINIA

**Gigantea Mixed.** Huge flowers measuring from 4½ to 5 inches, on strong stems. Beautiful attractive shades. **Tr. pkt., $1.25.**

## GOURDS, ORNAMENTAL

**Decorative Varieties, Mixed. ¼ oz., 25c; oz., 90c.**

## GOMPHRENA - Globe Amaranth

An attractive everlasting garden flower with some value for cutting. A fine bedder for hot, dry climates.

**Mixture of colors. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.75.**

## GREVILLEA

**Robusta** (Australian Silk Oak). Popular for specimen or combination work. **Tr. pkt., 40c; ¼ oz., $1.00.**

## GYPSOPHILA ELEGANS

These are always in demand for mixing with other cut flowers.

**Grandiflora Alba, London Market.** The largest flowered pure white Gypsophila. **Tr. pkt., 15c; oz., 30c; ¼ lb., 85c; 1 lb., $2.50.**

## GYPSOPHILA - Baby's Breath

(Perennial)

**Paniculata.** Small, white flowers about 50 per cent double. An excellent strain for drying. **Tr. pkt., 35c; ⅛ oz., 85c.**

## HELICHRYSUM

The popular double Strawflower.

**Choice Mixed. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.40.**

## HELIOTROPE

**Blue Bonnet.** Very fragrant, early, dark blue. **Tr. pkt., 35c; ⅛ oz., 50c.**

## HEUCHERA - Coralbells

(Perennial)

**Sanguinea Hybrids.** Mixed colors. **Tr. pkt., 50c.**
**Sanguinea Spitfire.** Rich scarlet. **Tr. pkt., 50c.**

## HOLLYHOCKS (Annual)

**Indian Spring.** Starts to bloom 5 months from seed sowing and continues until frost. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.75.**



Hollyhock

## HOLLYHOCKS

(Perennial)

**Triumph.** Double mixed. Flowers waved and fringed. **Tr. pkt., 35c; ¼ oz., 65c.**

CHATER'S DOUBLE

| | |
|---|---|
| Scarlet | Newport Pink |
| Deep Rose | White |
| Maroon | Mixed |
| Yellow | |

**Each: Tr. pkt., 35c; ¼ oz., 65c; 1 oz., $2.00.**

## HUNNEMANNIA

**Sunlight.** Semi-double. **Tr. pkt., 20c; ¼ oz., 50c.**

## IMPATIENS

Excellent plant for shady positions with glossy leaves and attractive blooms. Provide splendid pot plants. Also useful for porch boxes.

| | Tr. pkt. |
|---|---|
| **Dwarf Hybrids Mixed** | $0.50 |

**Ipomoea.** See Morning Glory, page 17.

## KALANCHOE

**Brilliant Star.** Extremely large-flowered and of a brighter fiery red color. Attractive base growing foliage and long wiry, strong stems. Also ideal for pots. **Tr. pkt., $1.00.**

# ANNUAL LARKSPUR

Larkspur seed may be sown directly in the open in the fall; outdoor sowing in September will give the best blooms in the spring, however if sown as early in the spring as the ground can be worked, fine spikes may be obtained.

**Under Glass—Spring Flowering.** For indoor growing, Larkspur is a nice crop to follow late Mums. Well started 3-inch banded or potted plants should be ready, and are produced by a December sowing.

## SUPREME LARKSPUR
### The Ideal Cut Flower Strain

This is by far the most desirable and florists' favorite because of its especially clear colors, uniformity in height, and long well filled flowering spikes, closely covered with fully double flowers and large individual florets.

**Dark Blue Supreme.** A truly fine rich violet-purple.
**Lilac Supreme.** A pleasing shade of clear lilac.
**Rose Supreme.** A clear, pure deep rose.
**Salmon Supreme.** A true shade of real salmon.
**White Supreme.** A fine white Larkspur.
**Supreme Mixture.**

**Prices of the above varieties:**
**Tr. pkt., 35c; 1 oz., $1.25; ¼ lb., $4.50; lb., $16.00.**

## LARKSPUR

IMPERIAL or BASE BRANCHING

These Larkspur are ideal cut flowers, as the flower stems, 3 to 4 feet long, branch from the base of the plant. For indoor forcing. Also good outdoors.

**Blue Bell.** Azure-blue.
**Blue Spire.** Violet-blue.
**Lilac King.** Rich lilac.
**White King.** Pure white.
**Los Angeles Improved.** Fine pink.
**Rose King.** Rich rose.
**Imperial—Choice Mixed.**

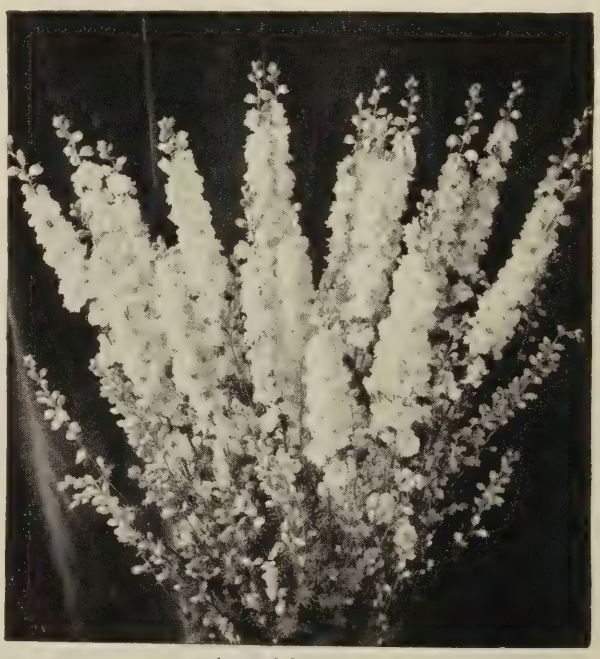
**Prices of above varieties: Tr. pkt., 30c; oz., $1.15; ¼ lb., $4.00; lb., $14.50.**

## LARKSPUR REGAL STRAIN

Tremendously long spikes of huge well spaced florets distinguish this new strain of florist's market Larkspur from all others. It retains the desirable height and basal branching habit of the Giant Imperials but has Delphinium-like florets on long, thick spikes.

**Regal Dark Blue.** Very deep violet-blue
**Regal Pink.** Brilliant pink on salmon.
**Regal Lilac.** Pure clear lilac.
**Regal Rose.** Rich florist's rose.
**Regal White.** Pure white.
**Regal Finest Mixed.**

**Tr. pkt., 35c; oz., $1.25; ¼ lb., $4.50; lb., $16.00.**



Annual Larkspur

## LINUM - Flax (Perennial)

**Perenne** (Blue Flax). Pale blue, round-shaped flowers on slender stems, height 18 inches. **Tr. pkt., 20c; ¼ oz., 45c.**

## LOBELIA

Excellent for bedding, window boxes, baskets, etc. December or January sowing is recommended for early use.

| | Tr. pkt. | ⅛ oz. |
|---|---|---|
| **Blue Stone. Re-selected.** Large flowers, brilliant mid-blue | $0.30 | $0.60 |
| **Crystal Palace Compacta.** 4 inches, ultra-marine-blue. The best for edging; dark foliage | .30 | .50 |
| **Mrs. Clibran.** Deep blue, white eye, dark foliage | .30 | .60 |
| **Sapphire.** For hanging baskets, large, deep navy-blue with white eye | .30 | .60 |

## LUPINUS - Polyphyllus (Hardy Lupine)

Fine for cutting. Requires a well-drained location and thrives best in cool climate.

| | Tr. pkt. | ¼ oz. | Oz. |
|---|---|---|---|
| **Russell Strain.** Long closely set flower spikes and attractive colors | $0.25 | $0.65 | $2.00 |

## LUPINUS (Annual Lupines)

### HARTWEGI GIANTS or KING

An improved strain. 3 to 4 feet high, with base branching habit.

**Dark Blue.** Oxford-blue. **White.** Pure white.
**Sky-Blue.** Clear light blue. **Choice Mixed.**
**Tr. pkt., 25c; ½ oz., 60c; 1 oz., $1.00.**

## LYCHNIS

| (Perennial) | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Chalcedonica.** Fine scarlet flowers. 2 ft. | $0.25 | $0.50 |

## MATRICARIA - Feverfew (Page 15)

## MIMOSA - Sensitive Plant

**Pudica** ..... **Tr. pkt., 35c; ¼ oz., 60c**

## MORNING GLORY - Ipomoea

**Blue Star.** Flowers are large light blue with dark blue ribs which form a star. A new color combination. **Tr. pkt., 35c; ¼ oz., 50c; oz., $1.75.**

**Candy Pink.** Large, clear pink flowers—a new and unusual color in Morning Glories. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.75.**



Ipomoea, Heavenly Blue

**Clarke's Heavenly Blue.** The most popular Morning Glory, flowering very early and with almost unbelievable freedom. A beautiful shade of belladonna-blue flowers. **Tr. pkt., 20c; ½ oz., 50c; oz., 75c.**

**Scarlett O'Hara.** Rich dark wine-red or deep crimson, with attractive foliage. **Tr. pkt., 25c; ½ oz., 75c; oz., $1.25.**

## MOONFLOWER (Ipomoea Noctiflora)

Among the fastest growing and most popular of all summer climbers.

**Noctiflora (White Moonflower).** Night blooming. **Tr. pkt., 20c; ½ oz., 30c; oz., 50c; ¼ lb., $1.50.**



## MARIGOLD

### Chrysanthemum-Flowered Types

Produces almost perfect ball-shaped, Chrysanthemum-like blooms about 3 inches in diameter. Exceptionally vigorous and free branching in growth.

**Crackerjack.** (New.) It is easy to grow, universal in adaptability, of a popular flower class, produces lots of big flowers suitable for cutting, blooms over a long period of time. Crackerjack series of colors includes the full Marigold range, running from primrose through yellow to gold and finally to brilliant orange. **Tr. pkt., 35c; ¼ oz., 75c; 1 oz., $2.50.**

**Glitters.** Glitters Marigold has large, fluffy Chrysanthemum-like, sharp canary-yellow flowers, 3 in. and more across, which are freely borne on long, strong stems continuously from early in the summer until frost. **Tr. pkt., 35c; ¼ oz., 75c; oz., $2.25.**

**Goldmith.** Globular flower with incurved petals, borne on long base branching stems. 3 ft. tall. **Tr. pkt., 30c; ¼ oz., 60c; 1 oz., $1.90.**

**Limestone.** Beautiful Chrysanthemum type incurved flowers. Limestone is a soft lemon-yellow. **Tr. pkt., 30c; ¼ oz., 60c; 1 oz., $1.90.**

**Mission Giant Yellowstone.** Bright, rich, clear yellow counterpart to Goldsmith, with large 2½-inch flowers on luxurious, large plants. **Tr. pkt., 30c; ¼ oz., 60c; 1 oz., $1.90.**

**Mission Giant Mixed.** A well balanced mixture in this new type; ranges from deep orange to light yellow. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.75.**

## MARIGOLD

### Tall African, Double Fistulosa 2½ to 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type; valuable for cutting.

**Orange All-Double.** A strain of African Marigold which has come about 95% double. A superior strain for cutting. **Tr. pkt., 30c; ¼ oz., 50c; 1 oz., $1.65.**

**Lemon All-Double.** Same trueness to double type as All-Double Orange. **Tr. pkt., 30c; ¼ oz., 50c; 1 oz., $1.65.**

**All-Double Mixture.** Mixture of above All-Double varieties. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.60.**

## MARIGOLD—Continued

### MARIGOLD - Dwarf French Double

In double French Marigolds, we recommend the Harmony type whenever possible as it flowers much more profusely under difficult conditions.



Improved Harmony



Marigold, Spry

**Butter Ball.** Most attractive, very compact, Scabious-flowered, canary-yellow. Only 6 to 10 inches tall. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.75.**

**Color Magic.** Large flowered. An unusually striking blend of colors from red to golden yellow, orange and gold. **Tr. pkt., 30c; ¼ oz., 50c; 1 oz., $1.75.**

**Cupid Orange.** Rich orange. A fine variety for edging or borders. Used in combination. **Tr. pkt., 40c; ⅛ oz., 75c; ¼ oz., $1.25.**

**Cupid Yellow.** Dwarf in habit with 2-inch, primrose-yellow, Chrysanthemum-like flowers. **Tr. pkt., 40c; ⅛ oz., 75c; ¼ oz., $1.25.**

**Gold Crest.** Golden yellow. Early and free flowering. **Tr. pkt., 25c; ¼ oz., 45c; oz., $1.50.**

**Harmony Hybrids.** Compact habit combined with early free flowering. Orange and yellow shades with blotched and striped combinations. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.50.**

**Improved Harmony.** Medium size Scabious-like double flowers. Deep orange center with maroon-red outer petals. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.50.**

**Lemon Drop.** Compact canary-yellow. A fine variety for edging or borders. Used in combination. **Tr. pkt., 30c; ¼ oz., 50c; 1 oz., $1.75.**

**Spry.** Dwarf, compact plants about 9 inches high and spreads 15 inches, having a bright yellow center with several rows of mahogany-red guard petals. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.75.**

**Sunkist.** A bright golden orange. Typical Harmony flowers with crested centers. Uniformly dwarf. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.75.**

**Yellow Pygmy.** Lemon-yellow. 8 in. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

**Dwarf French Double Mixed. Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

### MARIGOLD - Dwarf French Single 1 ft.

**Naughty Marietta.** Rich golden yellow petals attractively marked maroon at the base. 2-inch flowers. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

**Red Head.** Large crested flowers 2 inches across, with broad, overlapping petals. Mahogany color. Excellent for low borders. **Tr. pkt., 30c; ¼ oz., 50c; 1 oz., $1.75.**

**Spanish Flag Finest Mixed.** Blended mixture of only the modern Dwarf Single Marigolds in red, yellow and bicolor. **Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

**Tagetes Signata Pumila "Lulu".** New true yellow, compact and floriferous. **Tr. pkt., 35c; ¼ oz., 75c; 1 oz., $2.25.**

### MARIGOLD, Double Carnation-Flowered

2½ Feet

The loose, informal flowers are fluffy in appearance.

**Guinea Gold.** Attractive deep golden orange flowers, 2 to 3 in., and very freely produced; fine for cutting. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.60.**

**Yellow Supreme.** Bright lemon-yellow, loose petaled flower. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.60.**

**Double Carnation-Flowered Mixed. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.50.**

### MARIGOLD—Winter Flowering

**Colorado Sunshine.** Bright luminous yellow, ruffled and fringed Carnation flowered type, especially good for cutting under glass. **Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.**

### NASTURTIUM, DOUBLE

**Double Scarlet Gleam. Double Golden Gleam. Glorious Gleam Hybrids.** Similar in habit and growth. **Each: Pkt., 20c; 1 oz., 40c; ¼ lb., $1.00.**

### NIEREMBERGIA

| | Tr. pkt. |
|---|---|
| **Purple Robe.** A fine dwarf deep violet-blue, blooms in 15 weeks from seed | $0.50 |

**NICOTIANA (See page 21)**

# GIANT PANSIES

The finest strain of fancy Pansies composed of seed which is hand picked from individual plants. 24,000 seed per oz.

**Carnival.** An $F_2$ generation hybrid with exceptionally large blooms. The color range is rich in reds and scarlets, all blooms are blotched. **Tr. pkt., $1.50; ⅛ oz., $3.75; ¼ oz., $7.00.**

**Felix.** Felix is a distinct new pattern in Pansy mixtures. It has a yellow-pencilled face. **Tr. pkt., $1.00; ⅛ oz., $2.00; ¼ oz., $3.00; ½ oz., $5.00.**

**Steele's Jumbo Mixed.** This superb strain of Pansies is of largest size, richest and most varied colors. **Tr. pkt., 75c; ⅛ oz., $3.00; ¼ oz., $5.10; ½ oz., $9.20; 1 oz., $16.50.**

**Steele's Butterfly Hybrids.** A select new ruffled Pansy. A fine mixture of the most unusual pastel shades. **Tr. pkt., $1.00; 1/16 oz., $1.50; ⅛ oz., $2.75; ¼ oz., $5.00; ½ oz., $9.00.**

**Super Swiss Giants Mixed.** A magnificent blend of Swiss Giants. Grand in size, form, color and substance; blotched and beautifully marked. Plants low and compact. **Tr. pkt., 50c; ⅛ oz., $1.75; ¼ oz., $3.00; ½ oz., $5.00; 1 oz., $9.50.**

**Super Maple Leaf Giants.** The sturdy plants have large flowers in radiant colors, especially blue with yellow, white and black. **Tr. pkt., 50c; ⅛ oz., $1.75; ¼ oz., $3.00; ½ oz., $5.00; 1 oz., $9.50.**

### SWISS GIANT—SEPARATE COLORS

| | Tr. pkt. | ⅛ oz. | ¼ oz. |
|---|---|---|---|
| **Alpenglow.** Rich garnet shades | $0.50 | $1.75 | $3.00 |
| **Coronation Gold.** Golden yellow. | .50 | 1.75 | 3.00 |
| **"Pay Dirt."** Largest golden yellow. | 1.00 | 3.00 | 5.00 |
| **Raspberry Rose.** Beautiful new color | .50 | 1.75 | 3.00 |
| **Thuner Sea.** A blue with darker blotch | .50 | 1.75 | 3.00 |
| **Ullswater** (Lake of Thun). Marine-blue | .50 | 1.75 | 3.00 |
| **White.** Pure white | .50 | 1.75 | 3.00 |

# SELECTED PETUNIAS

Our Petunia seeds are of the finest quality, grown by the best growers in California and Japan from selected plants. No pot plant more profitable or satisfactory than a fine pot plant of Petunias.

## ALL-DOUBLE PETUNIAS

The following are selected varieties chosen for their quality and popularity. Double Petunias make a reasonably priced yet profitable pot plant for Easter and Mother's Day sales. November or December sowing is necessary to produce 4- and 5-inch plants.



## SINGLE PETUNIAS
### Dwarf Giants of California

Flowers are beautifully ruffled and fringed with open well-marked throats. This dwarf class makes particularly fine 3- and 4-inch pot plants for spring business. Seed for this purpose should be sown in January.

**Dwarf Giants of California Select Mixed.** This is the best strain of giant-flowered Petunias in existence for pot culture and bedding. The plants are bushy, grow about 12 inches high and produce their immense flowers freely and in a wonderful variety of colors. **½ tr. pkt., 75c; tr. pkt., $1.25; 1/64 oz., $2.50; 1/32 oz., $4.50; 1/16 oz., $8.00.**

**Dwarf Giants of California, Ramona Strain, Dark and Light Shades.** A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open, well marked throats. **½ tr. pkt., 60c; tr. pkt., $1.00; 1/64 oz., $2.00; 1/32 oz., $3.00.**

## LARGE-FLOWERING GRANDIFLORA
### Ruffled—Plain Edged

Generally more robust than the fringed and larger flowered—excellent for bedding. Flowers 3 to 4 inches in width. Height, 12 inches.

**Burgundy.** Plain edge. Rich wine-red. **Tr. pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.50.**

**Flaming Velvet.** Velvety blood-red. **Tr. pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.50.**

**Popcorn.** Single plain edged variety identical in flower form and size of bloom with Snowstorm. Dwarf and compact. Excellent for pot work or bedding. **Tr. pkt., $1.00; 1/64 oz., $1.75; 1/32 oz., $3.25.**

**Snowstorm Improved.** Large, pure white, fragrant flowers on compact plant of very uniform growth; favorite white for pot plants, excellent for bedding. **Tr. pkt., $1.00; 1/64 oz., $1.50; 1/32 oz., $2.75.**

**Theodosia Improved.** Largest rose-pink with golden throat, fringed. **Tr. pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.50.**

**Ruffled Monsters Mixed.** Formula mixture. **Tr. pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.75.**

## ALL-DOUBLE DWARF Victorious Strain

**Blue Brocade Improved.** The real dwarf blue.

**Gaiety.** Beautifully striped and mottled with bright rose and white. Very dwarf and compact.

**Pure White Improved.** Pure white, fully double, well fringed flowers. Excellent for pots and for bedding.

**Rosy Carmine Improved.** Bright rose, much improved in the size of flower and with extra dwarf growth.

**Victorious Mixed.** Covering full range of colors, excellent in its splendor and its even dwarf growth.

**Each of above: ½ tr. pkt., $2.00; tr. pkt., $3.50.**

## ALL-DOUBLE DWARF PETUNIAS
### Pan-American Strain

**Allegro Improved.** Large, double, fringed, deep salmon.

**Caprice Improved.** Double, deep fringed, bright rose.

**Nocturne.** A deep midnight-purple.

**Rhapsody.** Burgundy-wine-purple, a new color.

**Sonata.** Large, double, pure white, fringed.

**Prices above each: ½ tr. pkt., $2.75; tr. pkt., $4.50.**

**Glorious Mixture.** Contains both tall and dwarf types in all Pan-American colors. In transplanting, be sure to use both large and small seedlings, thus insuring a complete range of colors. **½ tr. pkt., $2.25; tr. pkt., $4.00.**

## SINGLE DWARF FRINGED - 10-inch
### (Dwarf Erfurts)

**Dwarf Elk's Pride.** This velvety purple is one of our most popular varieties. **Tr. pkt., 75c; 1/64 oz., $1.60; 1/32 oz., $2.75.**

**Lace Veil.** Pure white, large flowers, free flowering. **Tr. pkt., 75c; 1/64 oz., $1.75; 1/32 oz., $3.00.**

**Setting Sun.** Brilliant deep rose, dark throats, very free flowering. **Tr. pkt., 75c; 1/64 oz., $1.75.**

**Dwarf Fringed Mixed. Tr. pkt., 75c; 1/64 oz., $1.50.**

## DWARF RUFFLED GIANTS

For neat compact growth and richly fringed flowers.

**Ruffled Little Giants Mixed.** This type has medium sized, well ruffled and fringed flowers grown on compact plants, 8 to 10 inches tall. **Tr. pkt., 75c; 1/64 oz., $1.25; 1/32 oz., $2.00.**

**Pink Frills.** Early blooming, medium size flowers in brilliant rose-pink shades are profusely borne on compact well rounded plants. Excellent for pot work, borders and bedding. **Tr. pkt., $1.00; 1/64 oz., $1.50; 1/32 oz., $2.75.**



Dwarf California Giants

## SELECTED PETUNIAS—Continued

### $F_1$ HYBRIDS

Your customers will find the $F_1$ HYBRID PETUNIAS listed below noteworthy for their clear strong colors and dwarf compact growth, and they remain attractive much longer in bed or pots than non-hybrids.

### ALL-AMERICA SELECTIONS for 1957 PETUNIAS—$F_1$ MULTIFLORAS

**Glitters.** A fiery combination of bright scarlet-crimson and white. Truly brilliant, and a "must" for bedding plant growers everywhere. **½ tr. pkt., $1.35; tr. pkt., $2.50; 1/64 oz., $7.50.**

**Red Satin.** More dwarf and compact than Comanche and a bit brighter red in color. May also be more free flowering under some growing conditions. **½ tr. pkt., $1.25; tr. pkt., $2.25; 1/64 oz., $7.00.**

### MULTIFLORA $F_1$ HYBRIDS

Very free flowering, plants dwarf and compact.

**Apache.** Bright rose-red.
**Aztec.** (New). Scarlet-red with gold throat.
**Comanche.** A brilliant scarlet-red.
**Linda.** Clear, light salmon-pink.
**Mohawk.** Bright rose-pink.
**Paleface.** Pure white.
**Rose Charm.** Bright rose.
**Multiflora Mixture.**

**Prices above 8, each:**
**½ tr. pkt., $1.00; tr. pkt., $1.75.**

### $F_1$ HYBRID VARIETIES
### Large Single Grandiflora

**Carnival.** $F_2$ hybrid. The new Bodger Petunia in 1956 was Carnival, an $F_2$ hybrid mixture of grandiflora type flowers with greater color range and more flowers than any standard grandiflora strain. **Tr. pkt., 1.50; 1/32 oz., $3.25.**

**Fire Dance.** $F_1$ Hybrid. A brilliant salmon-scarlet with yellow throat. Deeply fringed. Uniformly dwarf. Base branching. Semi-compact.

**Crusader.** Gaily striped, extra bright rose-pink on pure white. The liveliest, most attractive bicolor.

**Ballerina.** Large single fringed flowers of a soft glowing salmon. Plants are dwarf and compact. Blooms 3½ to 4 in. across, excellent for pots.

**Bolero.** Carmine-rose-pink flowers, well ruffled and fringed, 3½ to 4 in. across. Plants uniformly dwarf and compact. Profuse bloomer.

**La Paloma.** Large well fringed flowers, pure white with yellow throat. Most uniform and vigorous grower.

**Prima Donna.** Large, heavily ruffled bright rose flowers with darker veins on vigorous, spreading, base-branching plants.

**Tango.** Deep salmon outside of bloom, shading to scarlet-salmon nearer throat. Flowers 3½ to 4 in. across, beautifully fringed.

**Ballet Mixed.** A blending of the above $F_1$ Hybrid Petunias with the addition of a deep purple and steel-blue to complete the mixture.

**Each of the above 8 varieties: ½ tr. pkt., $1.35; tr. pkt., $2.50.**



### PETUNIA HYBRIDA NANA COMPACTA
### Compact Dwarf Bedding

The largest selling class, mostly used for sale out of flats for bedding and mass effect. The plants grow dwarf and compact and while the flowers are comparatively small they are produced very freely. Fine for pot sales, garden borders and bedding.

**Admiral.** Most attractive dwarf blue bedding Petunia. Flowers are ruffled, adding greatly to their distinctiveness. **Tr. pkt., 75c; 1/64 oz., $1.50; 1/32 oz., $2.50.**

**Blue Bedder Imp.** Mid-blue, compact. Very free flowering. **Tr. pkt., 35c; ⅛ oz., 90c; ¼ oz., $1.50.**

**Celestial Rose Re-selected.** Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item. **Tr. pkt., 40c; ⅛ oz., $1.00; ¼ oz., $1.75.**

**Elk's Star.** Velvety reddish purple, white star. Exceptionally uniform and compact bedding strain. **Tr. pkt., 50c; 1/16 oz., $1.25; ⅛ oz., $2.00.**

**Fire Chief.** A brilliant scarlet-red. Plants dwarf and compact with long blooming season. **Tr. pkt., 50c; 1/32 oz., $1.00; 1/16 oz., $1.50.**

**Glow.** Bright rose-red, with lighter throat. Dwarf, compact bell-shaped. Very free flowering and true to type. **Tr. pkt., 50c; 1/16 oz., $1.00; ⅛ oz., $1.50.**

**King Henry.** Large flowers of a rich velvety blood-red color. Very free flowering. Dwarf compact habit. **Tr. pkt., 75c; 1/32 oz., $1.50.**

**Lipstick.** Carmine-rose with just a suggestion of salmon. Lipstick should prove an excellent garden variety. **Tr. pkt., 50c; 1/32 oz., $1.00.**

**Rose of Heaven Improved.** Perfectly uniform, fine rose-pink color; dwarf habit. **Tr. pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.10.**

**Rosy Morn Improved.** Differs from the original in that the rose coloring is stronger and deeper and habit some stronger. Quite uniform and distinct in every way. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

**Silver Blue (Heavenly Blue.)** Reselected rich light blue. **Tr. pkt., 40c; ⅛ oz., $1.00; ¼ oz., $1.75.**

**Snowball Improved.** This compact white Petunia is the result of many years work to obtain a lower growing compact strain. **Tr. pkt., 40c; ⅛ oz., $1.00; ¼ oz., $1.50.**

## SELECTED PETUNIAS—Continued

### PETUNIA HYBRIDA NANA COMPACTA

#### Dwarf Bedding—Continued

**Snow Queen.** A pure white bedding Petunia. Long spreading growth and free flowering. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

**Velvet Ball.** Dwarf compact plants with velvety blood-red blooms. **Tr. pkt., 75c; 1/32 oz., $1.50.**

**Violacea.** Deep violet, dwarf, with a bright blue cast. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.40.**

**Nana compacta Mixed.** A well balanced mixture. **Tr. pkt., 30c; ⅛ oz., 75c; ¼ oz., $1.25; oz., $4.50.**

### BALCONY PETUNIA

A free large flowering type of semi-trailing habit.

| | Tr. pkt. | ⅛ oz |
|---|---|---|
| **Cornflower Blue.** A violet-blue | $0.35 | $0.90 |
| **Black Prince.** Deep rich velvety crimson. | .35 | .90 |
| **Rose.** Fiery rose, select strain | .35 | .90 |
| **Star of California.** Violet, white star | .35 | .90 |
| **White.** Pure white | .35 | .90 |
| **Balcony Mixed** | .30 | .75 |

### Petunia Hybrida, Bedding

This class is of vigorous growth and for this reason is suited to outdoor bedding where summers are most trying.

**Blue Bee.** Blue of Jersey Gem Viola. **Tr. pkt., 30c; ⅛ oz., 60c; ¼ oz., $1.00.**

**Flaming Velvet.** Rich brilliant velvety blood-red flower. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

**General Dodd.** This is a velvety blood-red. In height this does not exceed 10 inches. **Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.**

**Howard's Star Improved.** Medium tall velvety purple with white star. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

**White King.** Pure white. **Tr. pkt., 30c; ⅛ oz., 75c.**

**Topaz Queen.** Carmine-rose with distinct orange-scarlet overtone. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

**Choice Bedding Mixed.** A very choice mixture which contains a splendid blend of color. **Tr. pkt., 25c; ¼ oz., 90c; oz., $3.25.**

### NICOTIANA - Flowering Tobacco

**Crimson Bedder.** 15 in. Makes a very compact growth and very free flowering. **Tr pkt., 25c; ¼ oz., 50c.**

**White.** 36 in. Tall and large flowered. **Tr. pkt., 20c; ¼ oz., 50c.**

**Nicotiana Hybrids, Mixed. Tr. pkt., 30c; ¼ oz., 60c.**

### PENTSTEMON, BEARD TONGUE

**(Perennial)**

**Sensation.** The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft. **Tr. pkt., 40c; ¼ oz., $1.00.**

## PHLOX

### Drummondi Nana Compacta

Dwarf type for growing in pots or bedding. The symmetrical dwarf, compact plants are especially suited for bedding, rock garden, and pots. 6 to 8 inches.

**Twinkle.** (New). Dainty flowers of the dwarf starred type, with pointed petals, are lavishly produced on dwarf, compact plants. An unusually wide assortment of colors, both solid and bicolored, are included in this blend. **Tr. pkt., 75c; ⅛ oz., $1.65; ¼ oz., $3.00.**

**Beauty Mixed.** A neat compact strain of dwarf Phlox with blooms twice the size of the regular strains. **Tr. pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.00; oz., $3.50.**

**Cecily Mixture.** A bright mixture of all colors and shades in dwarf types. **Tr. pkt., 35c; ⅛ oz., 50c; ¼ oz., 90c; oz., $3.00.**

**Globe Mixed.** Height 6 inches. Plants branch fully from the base of the plant, creating a beautifully rounded, uniform shape. **Tr. pkt., 40c; ⅛ oz., 75c; ¼ oz., $1.25; oz., $4.50.**

**Art Shades Mixture.** Large flowered mixture of pastel shades. **Tr. pkt., 40c; ⅛ oz., 65c; ¼ oz., $1.00; oz., $3.50.**

### PHYSOSTEGIA

**Virginiana.** Giant lilac-rose, 4 ft. high. **Tr. pkt., 35c; ⅛ oz., 65c.**

### PLATYCODON (Balloon Flower)

Bell-shaped flowers on graceful stems from June to September. 2 ft.

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Grandiflorum.** Large steel-blue flowers | $0.40 | $0.75 |

## POPPIES

### Annual

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Shirley Finest Single Mixed** | $0.20 | $0.50 |
| **American Legion.** Single orange-scarlet. | .20 | .50 |

### Poppy, Iceland (Nudicaule)

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Sanford's Giant Strain.** Immense flowers on stiff strong stems, very varied range of colors | $0.40 | $1.00 |

### PAPAVER ORIENTALE - Oriental Poppy

Large cup-shaped flowers with crinkled petals. Newly open flowers when cut in early morning or late evenings will keep in water for 3 to 5 days if ends of stems are well burned within 5 minutes of cutting. Oriental Poppies do not come entirely true from seed.

| | Tr. pkt. | ⅛ oz. |
|---|---|---|
| **Brilliant.** Brilliant fiery red; 40 in. | $0.35 | $0.75 |
| **Princess Victoria Louise.** Salmon | .35 | .85 |
| **Mixture of All Colors** | .35 | .75 |

### PORTULACA - Moss Rose

A very excellent plant for dwarf bedding or border. Very excellent easily grown outdoor bedding plant. Will flower 30 to 45 days from sowing in late spring or early summer.

| | Tr. pkt. | ¼ oz. | Oz. |
|---|---|---|---|
| **Grandiflora Double Mixed** | $0.35 | $1.00 | $3.50 |
| **Grandiflora Single Mixed** | .25 | .75 | 2.50 |

### PRIMULA Obconica

A sowing in late January or February will make choice pot plants for Christmas. For better germination put Primula seed in a refrigerator for a week or ten days.

| | Tr. pkt. |
|---|---|
| **Fasbender's Red.** Extra large deep crimson | $1.25 |
| **Rose Queen.** Giant-flowered bright rose-pink | 1.25 |

## PRIMULA Malacoides

Sow seed in May or June in light sandy soil for fine plants for St. Valentine's Day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

**Mrs. Eriksson of Riverside.** Large flowers of deep rose-red on compact plants of medium height.
**New Giant Salmon-Rose.** Extremely large flowered.
**Lavender Improved.** Bright orchid-lavender.
**White Giant.** Fine pure white.
**Malacoides Special Mixed.** Well balanced colors.

**Prices of above: Tr. pkt., $1.25.**

## PYRETHRUM (Perennial)

One of the really good hardy perennials, valuable alike for cutting or planting in the hardy border.

| | Tr. pkt. | 1/8 oz. | 1/4 oz. |
|---|---|---|---|
| **Robinson's Giant Hybrid Red** | $0.40 | $0.85 | $1.50 |
| **Robinson's Single Roseum.** Rose. | .40 | .85 | 1.50 |
| **Robinson's Single Giant Hybrids Mixed** | .40 | .75 | 1.40 |

## RICINUS - Castor Oil Plant

| | Tr. pkt. | Oz. | 1/4 lb. |
|---|---|---|---|
| **Zanzibariensis, Mixed** | $0.25 | $0.50 | $1.50 |

## RUDBECKIA (Coneflower) 2 ft.

**Starlight.** Primrose-yellow to mahogany and bi-colors, with mahogany centers. Very fine. **Tr. pkt., 40c; 1/4 oz., $1.00.**
**Purpurea.** 4 ft. Reddish purple flowers. **Tr. pkt., 35c; 1/4 oz., $1.00.**

## SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass.

| | Tr. pkt. | 1/4 oz. |
|---|---|---|
| **Emperor.** Extra choice large flowering mixture | $0.25 | $0.45 |

## SAPONARIA

**Pink Beauty.** Trailing Rose; hardy rock plant. **Tr. pkt., 35c; 1/8 oz., 75c.**

## SCHIZANTHUS (Butterfly Flower)

**Giant Flowering Hybrids.** Select large flowered. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item. **Tr. pkt., 35c; 1/8 oz., 75c.**
**Compactus, Mixed.** The plants grow dwarf and compact, making them most suitable for pot culture. **Tr. pkt., 35c; 1/8 oz., 75c.**

## SCABIOSA (Mourning Bride)

**Choice long-stemmed annuals for summer cutting.**
An easily grown, free flowering cut flower having long stems and a wide range of desirable colors.

| | Tr. pkt. | 1/2 oz. |
|---|---|---|
| **Oxford Blue.** Deep blue | $0.35 | $1.00 |
| **Loveliness.** Salmon-rose | .35 | 1.00 |
| **Shasta White** | .35 | 1.00 |
| **Giant Hybrids Mixed** | .25 | .90 |

## Scabiosa (Perennial)

Excellent perennial cut flower material. Larger flowered than the popular annual form, perfectly hardy, and early flowering. Seed germination sometimes slow and irregular.

| | Tr. pkt. | 1/4 oz. |
|---|---|---|
| **Caucasica, House Hybrids.** Lavender and blue shades | $0.50 | $1.50 |

## SHAMROCK

**True Irish Shamrock.** Sow January 1st; St. Patrick's Day plants; use 3 or 4 seedlings per pot. **Tr. pkt., 25c; 1/4 oz., 50c.**

## SOLANUM - CHRISTMAS CHERRY

**Hlavacek's Masterpiece. (New Patterson).** Compact bushes, freely producing large radiant scarlet Cherries well above the foliage. **Tr. pkt., 50c; 1/4 oz., $1.40.**



Salvia

## SALVIA SPLENDENS

One of the most brilliant bedding plants. Popular for bedding and garden planting, there is always a good call for Salvias. The fine strains are developed over years from single plant selections, they are outstanding. Blooms early summer to frost. Sow seed in flats and give bottom heat, as this helps germination.

**America or Globe of Fire.** Compact rounded bushes averaging 18 in. in height, blooms early and continuously. **Tr. pkt., 50c; 1/8 oz., $1.00; 1/4 oz., $1.85; 1/2 oz., $3.50; 1 oz., $6.50.**
**Blaze of Fire.** Dwarf and early, this variety is suitable for pots but also has plenty of vigor for planting outdoors. A nice item for low borders averaging 12 to 15 in. in height. **Tr. pkt., 75c; 1/8 oz., $1.25; 1/4 oz., $2.25; 1/2 oz., $4.00; 1 oz., $7.50.**
**Clara Bedman** (Bonfire.) Grows about 24 to 30 in. high. Our strain is very compact, being covered with masses of deep scarlet blooms. **Tr. pkt. 50c; 1/8 oz., $1.00; 1/4 oz., $1.75; 1/2 oz., $3.25; 1 oz., $6.00.**
**Fireworks.** A dwarf early type developed primarily for pots as it flowers only a few weeks after seeds are sown. **Tr. pkt., 75c; 1/8 oz., $1.50; 1/4 oz., $2.75; 1/2 oz., $5.00.**
**Harbinger** (Firebrand.) Early scarlet of compact, upright growth, with extremely long flower spikes. Will average 20 in. in height. **Tr. pkt., 50c; 1/8 oz., $1.00; 1/4 oz., $1.85; 1/2 oz., $3.50; 1 oz., $6.50.**
**St. John's Fire.** A very dwarf early type developed primarily for pots. Grows about 12 inches high. **Tr. pkt., 75c; 1/8 oz., $1.50; 1/4 oz., $2.75; 1/2 oz., $5.00.**
**Purple Prince.** Deep rich purple.
**Farinacea, Blue Bedder.** A compact rich blue. **Tr. pkt., 50c; 1/8 oz., 75c; 1/4 oz., $1.25.**

## STATICE, PERENNIAL

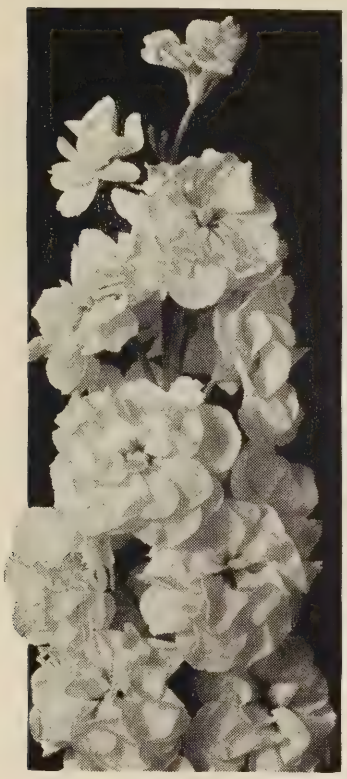
Hardy perennial producing panicles of minute flowers which can be dried and used for winter bouquets.

**Dumosa.** Dense clusters of pure silver-gray blooms; 30 inches. **Tr. pkt., 40c; 1/4 oz., 75c; oz., $2.50.**

## STATICE SINUATA

Valuable for cutting or decoration. This attractive annual is largely grown outdoors for drying.

**Hybrid Mixture.** A mixture of colors. **Tr. pkt., 25c; 1/2 oz., 60c; oz., $1.00.**



## STOCKS

### NON-BRANCHING COLUMN

Immense fully double close spaced flowers, one 2-2½ ft. spike per plant. This strictly non-branching strain is especially for florists.

**American Beauty.** American-Beauty-rose.
**Avalanche.** Early white.
**No. 16 Ball White Improved.** Finest early white.
**Ball's Purple.**
**Elk's Pride.** Deep blue.
**Lilac-Lavender.** Clear lavender.
**Pacific White.** Early white.
**Pacific Pink.** A fine true pink.
**Rose-Pink.** Popular clear rose.
**Ruby.** Rich crimson-red.
**Silvery Lilac.** Lilac-lavender.
**Ball Supreme No. 22.** Bright silvery pink.
**White Giant.** Pure white.
**Exquisite Mixed.** A well balanced blend.

**Any of the above: Tr. pkt., $1.00; ¼ oz., $2.50; oz., $9.50.**

## IMPERIAL IMPROVED BISMARCKS

An especially meritorious class; of branching habit.

**Chamois.** Ivory tinted rose.
**Elk's Pride.** Rich purple.
**Flesh.** Delicate pink.
**Fiery Blood-Red.**
**Lilac.** Lilac-lavender.
**Rose.** Deep rose-pink.
**Santa Maria.** Giant white.
**Choice Mixed.**

**Any of the above varieties: Tr. pkt., 35c; ¼ oz., $1.00; oz., $3.25.**

## TRYSOMIC STOCK BRANCHING TYPE

### 7 WEEK (Dwarf Double)

Coming 85% or more double-flowering.

**Bright Rose**
**Canary-Yellow**
**Lilac-Lavender**
**White**
**Salmon-Pink**
**Fiery Red**
**Chamois**
**Navy-Blue**
**Choice Mixed**

**Each of the above: ½ tr. pkt., $1.00; pkt., $1.75; ⅛ oz., $2.75; ¼ oz., $5.00.**

# SWEET PEAS

## CUTHBERTSON TYPE SPENCER—SPRING FLOWERING

This is an intermediate flowering group and best for late spring bloom where some heat resistance is required. They are especially well adapted for growing in Midwestern States. Vigorous growth and large flowered.

**Carol.** Rose-pink, cream ground.
**Coline.** Scarlet.
**Evelyn.** Light pink.
**Frank G.** Lavender.
**Hazel.** Silvery light blue.
**Janet.** White, black seeded.
**Jennie.** White, white seeded.
**Lois.** Rose-pink.
**Tommy.** Mauve-blue.
**Mixture all Colors.**

**Prices all above: 1 oz., 40c; ¼ lb., $1.25; 1 lb., $4.50.**

## EARLY FLOWERING SPENCER VARIETIES

These are all exceptionally large-flowered and long-stemmed.

**American Beauty.** Crimson-rose.
**Apollo.** Soft salmon-cerise.
**Avalon.** Mid-blue.
**Bacchus.** Rich red-maroon.
**Ball's Rose Improved.**
**Ball Orange.** Clear orange.
**Ball White.** White seeded.
**Blue Bird.** Violet-blue.
**Burpee's White.** White seeded.
**Bridesmaid.** Silvery pink.
**Cascade.** Pure glistening white.
**Daphne.** Soft salmon-pink.
**Fiesta.** Orange-cerise.
**Fragrance.** Frilled lavender.
**Harmony.** Clear lavender.
**Hope.** Black-seeded white.
**Hiawatha.** Deep rose.
**Laddie Improved.** Rose.
**Mrs. H. S. Reddick.** Salmon.
**Rhapsody.** Rosy lavender.
**Sequoia.** Rich cerise.
**Top Hat.** Deep bright violet-blue.
**Triumph.** Lilac-mauve.
**Treasure Island.** Orange.
**Twilight.** Giant lavender.
**White Harmony.** Black-seeded.
**Early Flowering Mixed.**

**Prices all above: 1 oz., 50c; ¼ lb., $1.50; 1 lb., $5.50.**

## ZVOLANEK'S EARLY MULTIFLORA VARIETIES

Six to seven blooms are not uncommon under proper cultivation. Extremely vigorous vines with long sturdy stems. These strains bloom seven to eight days later than most regular Early Flowering Sweet Peas. Therefore, replacement of Early Flowering varieties by these Multiflora varieties should be considered.

**El Capitan.** Bright carmine-red.
**Geo. J. Ball.** Deep coral-salmon.
**Lavender.** Large clear lavender.
**Orange Cerise.** Extra large flowers.
**Rose.** Fine commercial color.
**Salmon-Pink.** Large salmon-pink.
**Whirlwind.** Large, light rose.
**White.** Pure white. Long, strong stems.
**Multiflora Mixed.** Full color range.

**Prices of above: ¼ oz., 35c; 1 oz., $1.00; ¼ lb., $3.50.**



## NEW DWARF SWEET PEAS

**Little Sweethearts Mixed** (New). Plants upright, rounded bushes about 8 in. high covered with large flowers in all shades. **Tr. pkt., 50c; ¼ oz., $1.50; 1 oz., $4.50.**

## SWEET WILLIAM

### DIANTHUS BARBATUS (Perennial)

There is always a good demand for these beautiful, single, free-flowering, old-fashioned favorites.

| | Tr. pkt. | ¼ oz. | Oz. |
|---|---|---|---|
| Dark Crimson | $0.35 | $0.65 | $2.25 |
| Holborn Glory | .35 | .65 | 2.25 |
| Newport Pink | .35 | .65 | 2.25 |
| Scarlet Beauty | .35 | .65 | 2.25 |
| White | .35 | .65 | 2.25 |
| Single Choice Mixed | .35 | .65 | 2.25 |
| Double Choice Mixed | .40 | .75 | 2.50 |

DWARF COMPACT

| | | | |
|---|---|---|---|
| Dwarf Alpine Compact Mixed. 8 in. | .50 | 1.00 | 3.50 |

## THUNBERGIA - Black-Eyed Susan

A climbing vine which forms a dense mat of foliage covered with bright colored flowers with showy black centers. Excellent for ground cover, hanging baskets or window boxes. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.75.**

## TORENIA

**Fournieri.** Excellent pot or bedding plant producing attractive blue flowers with violet blotches. **Tr. pkt., 40c.**

## TITHONIA 4 feet

**Torch.** Torch is easy; it grows as easily as a Zinnia—thrives on hot weather. It's orange-red, and red is the American public's favorite color. It's a cut flower that blooms from August until frost. **Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00.**

## TRITOMA - Red Hot Poker

| | Tr. pkt. | ¼ oz. |
|---|---|---|
| **Hybrida Mirabilis.** Blooms first year | $0.35 | $0.60 |

## VERBENA Hybrida Grandiflora

A magnificent strain of robust, compact habit and free blooming. One of the most colorful and showy plants for bedding, window boxes or combinations. Seed should be sown in a soil temperature of 65° to hasten germination which is sometimes slow. Once established, 50° nights suits them nicely, but be sure to pinch them early to avoid straggly growth.

**Beauty of Oxford Hybrid.** Beautiful rose-pink.
**Lavender Glory.** Variable in color. Blue with white eye.
**Luminosa.** Fiery pink shading to salmon.
**Spectrum Red.** Intense bright red.
**Sutton's Blue.** Large flowered deep royal blue.
**White.** Fine.
**Grandiflora Mixed.**

Prices of above varieties:
**Tr. pkt., 35c; ¼ oz., 75c; 1 oz., $2.75.**

## Verbena Bush Type

Dense flower heads are closely massed across the flat-topped plants. Grow 8 to 10 inches high.

**Firelight.** New vivid solid red.
**Roselight.** New bright rose, white eye.
**Salmon Queen.** New brilliant salmon-pink.
**Snow-White.** New snowy white.
**Starlight.** New brilliant blue, cream eye.
**Bush Type Blend.** Mixed.

Prices of Above Varieties:
**Tr. pkt., 40c; ¼ oz., 85c; 1 oz., $3.00.**

## VERONICA (Speedwell)

(Perennial)

**Spicata Mixed.** Fine for bouquets. **Tr. pkt., 30c; ¼ oz., 75c.**

**Grow a few hundred in PLANT BANDS. You will find a ready market for early spring sales.**



Dianthus Barbatus—Sweet William

## VINCA ROSEA (Periwinkle)

This seed should be sown early to secure salable plants for spring.

| | Tr. pkt. | ¼ oz. | Oz. |
|---|---|---|---|
| **Rosea Alba.** White, rose center | $0.25 | $0.60 | $1.85 |
| **Alba Pura.** Pure white | .25 | .60 | 1.85 |
| **Rosea.** Pink | .25 | .60 | 1.85 |
| **Mixed** | .25 | .60 | 1.85 |

## VINCA (Dwarf)

**Coquette.** The first dwarf Vinca, growing about 10 to 12 inches tall, rose-pink. **Tr. pkt., 35c; ⅛ oz., 75c; ¼ oz., $1.25.**

## VIOLA (Tufted Pansy)

**Arkwright Ruby.** Ruby-crimson shading to terra cotta. **Tr. pkt., 50c; ⅛ oz., $1.35.**
**Blue Perfection.** Clear blue. **Tr. pkt., 50c; ⅛ oz., $1.00.**



Viola Cornuta

**Chantreyland.** Best apricot. **Tr. pkt., 50c; ⅛ oz., $1.50.**

**Firmament.** Pure sky-blue. **Tr. pkt., 60c; ⅛ oz., $1.95.**

**Lutea Splendens.** Sulphur-yellow. **Tr. pkt., 50c; ⅛ oz., $1.00.**

**White Perfection.** Pure white. **Tr. pkt., 50c; ⅛ oz., $1.00.**

**Mixed. Tr. pkt., 50c; ⅛ oz., $1.00.**



Verbena

# FLORISTS' ZINNIAS

## Bodger's "Gold Medal" Zinnias for Cut Flowers and Garden

By sowing outdoors in May and as late as August 1st, in well enriched soil and protected with water, they can be had in fine shape right up to frost.

## ZINNIAS
### Giant Double Dahlia-Flowered

The plants are of medium height, 2½ to 3 ft., very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

**Canary Bird.** Rich canary-yellow.
**Crimson Monarch.** Deep crimson, flowers very large.
**Dream.** Deep rosy lavender.
**Exquisite.** Light rose, deep rose center.
**Golden Dawn.** Golden yellow.
**Illumination.** Deep rose self.
**Luminosa.** Bright deep pink.
**Oriole.** Orange and gold bicolor.
**Polar Bear.** Large creamy white.
**Purple Prince.** Deep rich purple.
**Scarlet Flame.** Bright scarlet.
**Will Rogers.** Loveliest, most brilliant scarlet-red.
**Gold Medal Finest Mixed.**

Prices of Above Varieties:
**Tr. pkt., 25c; ¼ oz., 40c; 1 oz., $1.25; ¼ lb., $4.00.**

### Elegans Pumila Dwarf Double (Cut-and-Come-Again)

**Canary-Yellow.**
**Crimson.**
**Pinkie.** Rose-pink.
**Elegans.** Finest Mixed.
**Salmon-Rose.**
**Scarlet.** Bright scarlet.
**Snowball.** White.

**Tr. pkt., 25c; ¼ oz., 40c; 1 oz.. $1.25; ¼ lb., $4.00.**

### Double Lilliput

The Lilliputs are among the most popular Zinnias for cut flower use. The flowers are small, compact, and symmetrical, on strong stemmed, 1½ to 2 ft. plants.

**Canary Gem.** Canary-yellow.
**Crimson Gem.**
**Golden Gem.** Golden orange.
**Lilac Gem.**
**Rosebud.** Rose-pink.
**Salmon Gem.**
**Scarlet Gem.**
**White Gem.**
**Lilliput.** Pastel Mixture.

Prices of Above Varieties:
**Tr. pkt., 25c; ¼ oz., 40c; 1 oz., $1.25; ¼ lb., $4.00.**

## MISCELLANEOUS VARIETIES

**Gracillima** (Red Riding Hood). Freely produces large numbers of small, bright crimson flowers. Fine for bedding. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.50.**

**Linearis.** A heat-resistant, free-blooming subject for edging and rock garden work. Compact (6-8 in.), early flowering, with single, bright orange flowers. **Tr. pkt., 35c; ¼ oz., $1.00; 1 oz., $3.50.**

## FANTASY TYPE

The fairly large flowers have informally curled and twisted petals which produce an attractive novelty effect.

**Star Dust.** A bright deep golden yellow.
**Wildfire.** Dazzling scarlet; a striking brilliant color.
**Crown of Gold Pastel Tints.** A mixture of pastel tints and contains a wide color range.

**Prices above 3 varieties, each: Tr. pkt., 25c; ¼ oz., 50c; oz., $1.50.**

## CUPID MIXED

**Cupid Mixture.** Dwarf, extra small-flowered type for borders and rock gardens. **Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.50.**



Dahlia-Flowered Zinnias

### Harmony Type (Scabious Flowered)

**Finest Mixed.** Plants 2½-3 ft., bearing numerous medium sized flowers, resembling annual Scabiosa or Harmony Marigold. Our improved strain has long stems and is excellent for cut flowers. Bright shades. **Tr. pkt., 30c; ¼ oz., 65c; oz., $2.00.**

### Persian Carpet Zinnia

(Mexican Zinnias). It has the deep, rich tones of reds and golds with other shades which should attract gardeners generally. Extremely easy to grow, covered with medium sized blooms on good cutting stems. **Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00; 1 oz., $3.25.**

### Peppermint Stick

Medium-sized flowers reselected for a wider color range, including red and white, red and yellow, pink and white, orange and yellow, and purple and white. Plants somewhat taller than Pumila bear medium-sized Pumila type striped flowers. **Tr. pkt., 35c; ¼ oz., 50c; oz., $1.75.**

## GIANT CACTUS-FLOWERED ZINNIAS
### Eskimo

(New). Large, loosely ruffled flowers open creamy white, turn to white as they mature. **Tr. pkt., 35c; ¼ oz., 50c; oz., $1.75.**

### Burpee Blaze

Outstanding for uniform doubleness of its fluffy gracefully quilled petals which reach 5 inches across. Mandarin-red flowers which soften to scarlet-orange. **Tr. pkt., 35c; ⅛ oz., 60c; ¼ oz., $1.00; oz., $3.00.**

### Burpee Hybrid

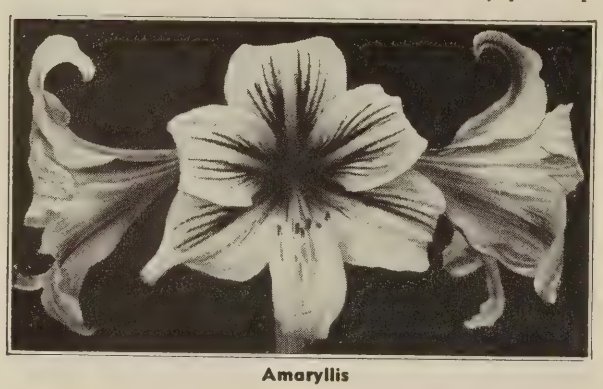
Burpee Hybrids are the loveliest Zinnias ever created, immense fluffy and ruffled flowers with graceful, curved petals. These giant Hybrid Zinnias come in a gorgeous range of colors and color combinations. Plants are 3 ft. tall. **Tr. pkt., 30c; ¼ oz., 50c; oz., $1.50.**

### Riverside Beauty

Generally in the Cactus flowered type but with petals more curled. A glowing salmon-pink. **Tr. pkt., 35c; ¼ oz., 50c; oz., $1.75.**

# SUMMER FLOWERING BULBS

**Bulbs wanted by parcel post, add postage at zone rate.**



**Amaryllis**

## AMARYLLIS

**(Large Flowering Hybrids)**

These bulbs will make handsome pot plants for window display during the spring. Light and red shades, mixed.

| | Doz. | 100 |
|---|---|---|
| **Select Bulbs.** 3 inch | **$3.25** | **$23.00** |



**Begonias—Tuberous Rooted**

## BEGONIAS—Tuberous Rooted

**Culture:** The Begonia prefers partial shade and not too warm a place where they will give best results especially in wet summers. For cultivation in greenhouses, shade is necessary. Forcing can be started in February, March or April, depending on the time they should be in flower. The bulbs are placed in 4-in. pots in light porous soil and then covered with earth to a depth of one inch above the bulbs. With its bright colors, richness of foliage and easy culture a favorite with the public in gardens and homes.

## BEGONIAS
## DOUBLE CAMELLIA TYPE

The largest and most popular of the double forms. Individual flowers 5 to 8 in. in diameter. Nice for corsages and other cut-flower purposes. Cardinal-red, scarlet, rose, pink, orange, light salmon, yellow, white, mixed.

**Large bulbs, 2 in. diam. Per 100, $20.00.**



**Caladium, Fancy-Leaved**

## CALADIUM - Fancy-Leaved

Choice dormant bulbs for February and March delivery. Our mixture of named sorts is probably the best to be had.

**Fine assortment of highly colored, separate named varieties:**

| | Per 100 |
|---|---|
| **No. 1, 1½ to 2 inches** | **$16.50** |

## CALADIUM ESCULENTUM—
## Elephant's Ear

Much used for bordering Canna beds.

| | Doz. | 100 |
|---|---|---|
| **Selected Size Bulbs.** 7 to 9 inches | **$2.20** | **$15.00** |
| **Extra Large Bulbs.** 9 to 11 inches | **3.00** | **22.00** |



**Gloxinias**

## GLOXINIAS—California Grown

**Bulbs ready Jan. to March.**

**Culture:** Same as T. R. Begonias. Gloxinias are fit companions for the tuberous rooted Begonias and the fancy leaved Caladiums. Their richly colored flowers are most outstanding. Gloxinias require a loose, porous soil. Should be kept shaded and watered very carefully, applying water only as needed. Keep the leaves dry. We offer these in selected colors mixed.

**Select bulbs, 1½ to 2 in. diam. Per 100, $20.00.**

# SUMMER FLOWERING BULBS



## CANNAS (Large Flowering) Dormant Roots

**Dormant Roots Ready for February 1st**

Our Canna roots are strong and healthy. The varieties listed below have proven indispensable where large exhibition showings are needed.

**City of Portland.** Deep pink. Green foliage. 3½ feet. Extra good flowers.

**King Humbert.** This remarkable Canna is the greatest favorite. Broad, tropical foliage. Scarlet flowers; bronze leaves. 4 feet.

**Rosemond Cole.** A beautiful crimson with yellow edge. Height 3½ feet; green foliage.

**Yellow King Humbert.** 4 feet. Flower is a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower.

**The President.** 4 feet. This immense flaming scarlet is extremely popular. Double flowering, rich red clusters. Heavy green foliage.

**Prices—All above Cannas: Per 100, $6.00; per 1000, $56.00.**

# GLADIOLUS

**Gladiolus** delivery can be made any time from January 15th to May 15th; and you may be assured that every effort will be made to handle your order efficiently, promptly and to your entire satisfaction. You are assured of high-crowned true-to-name bulbs, accurately graded, hand selected; clean and healthy—thrip free. These bulbs cannot fail to produce top grade flowers. Prices are subject to change.

### PINK and SALMON SHADES

| | First Size 100 | 1000 |
|---|---|---|
| **Burma.** Ruffled deep rose, lighter throat | $3.40 | $30.00 |
| **Picardy.** The most popular of all Gladioli. Color is a beautiful light salmon | 3.40 | 30.00 |
| **Spic and Span.** Tall ruffled deep pink, with salmon shading | 3.40 | 30.00 |

### LAVENDER and PURPLE SHADES

| | | |
|---|---|---|
| **Elizabeth the Queen.** Extra fine lavender, beautiful ruffled point bloom. Excellent commercial | 3.40 | 30.00 |
| **Harry Hopkins.** Large deep red with slight purplish shading. Opens 6 to 8 well placed blooms on a tall, straight stem | 3.50 | 31.00 |
| **Purple Supreme.** Outstanding tall bright purple. Superb cut flower | 3.50 | 31.00 |

### WHITE and CREAM SHADES

| | | |
|---|---|---|
| **Florence Nightingale.** Ex- Outstanding new white. Opens 8 well placed florets on tall, straight spike | 3.40 | 30.00 |
| **White Gold.** White, cream throat. Outstanding commercial and much in demand | 3.40 | 30.00 |
| **Salman's Glory.** Creamy white, carmine marking. | 3.50 | 32.00 |
| **Mother Fischer.** Fine large ruffled white | 3.60 | 34.00 |



Gladiolus

### RED and SCARLET SHADES

| | First Size 100 | 1000 |
|---|---|---|
| **Red Charm.** Early brilliant scarlet with darker throat. Opens 6 to 7 blooms which resemble Picardy | $3.50 | $32.00 |
| **Valeria.** Very large, light scarlet | 3.75 | 34.00 |

### YELLOW SHADES

| | | |
|---|---|---|
| **Hopman's Glory.** Deep yellow | 3.40 | 30.00 |
| **Spotlight.** Large deep yellow with small scarlet blotch in throat | 3.40 | 30.00 |
| **Yellow Herald.** Amber-yellow with carmine in throat | 3.40 | 30.00 |

### MIXED

| | | |
|---|---|---|
| **Florist's Superfine.** Choice varieties | 3.25 | 28.00 |

## LILY BULBS
FROM COLD STORAGE

### LILIUM CROFT

| | 100 | Case |
|---|---|---|
| 7-8 inch (250 per case) Select Bulbs | $26.00 | $60.00 |
| 8-9 inch (200 per case) Select Bulbs | 42.00 | 80.00 |

### HARDY LILIES

| | | |
|---|---|---|
| **Rubrum.** (Japan.) Flowers with reflexing petals heavily spotted crimson on white ground. 8-9 inches, 200 to case | 25.00 | 42.00 |

### TUBEROSE

| | 100 | 1000 |
|---|---|---|
| **Single Everblooming.** Our bulbs are secured from dependable growers | $6.50 | $60.00 |

# GARDEN AND LAWN FERTILIZER

**A Necessity to All Growing Plants**

**The highest grade only. Guaranteed analysis. All f.o.b. St. Louis. Price subject to market change.**

### ACTIVO COMPOST MAKER

Soil energizer and compost activator. Builds soil to richness by direct application or by making better compost, quicker.

No. 2 Size, (approx. 2 lbs.) .....$1.00
No. 7 Size, (approx. 6¼ lbs.) ..... 2.59
No. 25 Size, (approx. 25 lbs.) ..... 6.99

### ADCO COMPOST MAKER

Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and cornstalks from the farm—into real manure without animals by the simple ADCO process. Instructions free. **5-lb. pkg., $1.25; 20-lb. bag, $3.00.**

### ARMOUR VERTAGREEN 5-10-5

Contains 5% nitrogen, 10% phosphorus and 5% potash, the three major plant foods, in addition to several other elements essential to successful plant germination.

| Consumer's price | | Dealer's price |
|---|---|---|
| 5-lb. pkg., | $0.55. 12 5-lb. pkgs. to case, | $4.08 |
| 10-lb. pkg., | .95. 6 10-lb. pkgs. to case, | 3.78 |
| 25-lb. pkg. | 1.70 | |
| 50-lb. bag | 2.55 | |
| 100-lb. bag | 4.85 | Per ton 67.00 |

### ARMOUR'S VERTAGREEN 10-8-6

A concentrated fertilizer for lawns, trees, shrubs and ornamental plants. For garden or lawn use. 100 lbs. for 50x100 ft. **80-lb. bag, $4.50.**

### ARMOUR'S VERTAGREEN 10-6-4

Contains organics. For turf and trees. Is a completely balanced plant food. The organics are there to feed your lawn. **80-lb. bags, $4.50.**

### ARMOUR'S 8-8-8

For turf, trees and shrubs. **80 lbs., $3.25.**

### ARMOUR'S 12-12-12

A well balanced plant food for commercial growers for feeding field crop and grassland pastures. **80-lb. bag, $4.35.**

### ALUMINUM SULPHATE

For making acid soil. Also used in benches that contain too much lime. **10 lbs., $1.25; 100 lbs., $4.35.**

### AMMONIUM NITRATE—32.5% Nitrogen

**100-lb. bag, $7.00.**

### BIG CROP 4-12-4

A well balanced plant food for commercial growers for feeding and making potting soil. Use 5-inch pot for wheelbarrow of earth. For grain and corn use 500 lbs. per acre. **80-lb. bag, $2.50.**

### BONE MEAL 2-24-0

Best grade of steamed bone for general use. 2% nitrogen, 24% phosphoric acid. Used under glass or outside for nearly all plants. **100-lb. bag, $6.50.**

### BORDEN'S 38 (38% Nitrogen)

Because of the constant release of nitrogen provided by **Borden's 38**, turf, ornamentals and flowers show luxuriant uniform growth. One application lasts all season. **25-lb. bag, $10.50; 50-lb. bag, $17.00.**

### CALCIUM SULPHATE (Agricultural Gypsum)

**100 lbs., $2.50.**

### CATTLE MANURE

This is a very high grade material, heat dried, and free from straw, being all pure cattle manure. **50-lb. bag, $1.80.**

### CHELATED IRON—SEQUESTRENE

For combating iron chlorosis troubles on Azaleas, Gardenias, Hydrangeas and Roses and occasionally on other plants. **1 lb., $2.50; 5 lbs., $7.00.**
















### COTTON SEED MEAL

An organic fertilizer containing nitrogen, phosphoric acid and potash. A valuable fertilizer for acid loving plants. Will tend to keep the soil acid and supply plant food in one application. Apply at the rate of 5 lbs. per 100 sq. ft. **25 lbs., $2.50; 100 lbs., $6.50.**

### DRIED BLOOD (13% Nitrogen)

For indoor culture of flowering plants, Roses, Carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. **Price, 5 lbs., $1.25; 10 lbs., $2.25; 25 lbs., $4.00; 100 lbs., $12.00.**

### GARDEN CYANAMID

To weed, feed and enrich soil. For new lawns and better gardens. **25-lb. bag, each $3.75; 50-lb. bag, $6.50.**

### HARDWOOD CHARCOAL

For mixing in soil in seed flats, cutting benches and pot plants. **50-lb. bag, $4.00.**

### HORN DUST (13% Nitrogen)

Best used for mixing potting soil; quick acting. **50-lb. bag, $12.50.**

### HYDRATED LIME

For sweetening the soil. Used to neutralize acid soil on lawns and gardens. Use 50 lbs. for 20x100 ft. **10-lb. bag, 50c; 50 lbs., $1.25.**

### IRON SULPHATE For acidifying the soil. (Copperas, also Ferrous Sulphate)

For acidifying the soil. Useful for developing and maintaining rich dark green foliage on Azaleas. Dissolve 4 ozs., in 5 gals. of water. **5 lbs., 75c; 10 lbs., $1.20; 100 lbs., $4.50.**

### HORTICULTURAL PEAT (Re-Peat)

Black Peat, fine for seed flats and potting soil. Approx. 3-bu. bag, $3.75.

### MAGNESIUM SULPHATE

**10 lbs., $1.00; 25 lbs., $2.00; 100 lbs., $6.50.**

### MANGANESE SULPHATE

**5 lbs., $1.00; 10 lbs., $1.75; 25 lbs., $3.00; 50 lbs., $5.00.**

### MILORGANITE 5.5-4-0

A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. For lawn and garden use 100 lbs. for 50x100 ft. **40-lb. bag, $2.40; 80-lb. bag, $3.75.**

### MURIATE OF POTASH—Potassium Chloride

The chief use of Muriate of Potash (62% Potash) is the stimulation of root growth. **10 lbs., $1.25; 80-lb. bag, $4.80.**

### NITRATE OF SODA (16% Nitrogen)

16 per cent inorganic nitrogen, readily soluble and quickly available for side or top dressing, or in liquid manures. **10 lbs., $1.20; 25 lbs., $2.00; 100 lbs., $6.00.**

### PEAT MOSS, Horticultural

Adds organic matter, improves the texture, conserves moisture and aerates the soil. Gardeners use Peat Moss for packing and storing bulbs, such as Cannas, Dahlias, etc. **Large standard bale, $4.50.**

### POTASSIUM NITRATE

Analysis: 16-0-45. **25 lbs., $5.25; 100 lbs., $15.00.**

### PULVERIZED LIMESTONE

Use to correct soil acidity. An aid in releasing "locked in" plant nutrients. **50-lb. bag, 60c.**

### SHEEP MANURE

This is a pure, natural manure. It is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. **50-lb. bag, $1.80.**

# GARDEN AND LAWN FERTILIZER

### SULPHATE OF AMMONIA (21% Nitrogen)

Highly concentrated, quick acting. Particularly desirable for lawns and gardens. 10 lbs. covers 2500 square feet or 50x50 feet. **10 lbs., $1.50; 50 lbs., $3.50; 100-lb. bag, $6.00.**

### SUPER PHOSPHATE (20% Phosphoric Acid)

Used for Carnation soil and other crops requiring phosphoric acid. For grain and Corn use 500 lbs. per acre. **80-lb. bag, $2.25.**

### SWIFT'S BLENN 4-16-16

A well balanced plant food for commercial use on grain crops, alfalfa, soybeans and legumes, and grass pastures. **80-lb. bag, $3.85.**

### SWIFT'S BRIMM 6-12-18

Especially adapted for soils and crops needing additional potash. **80-lb. bag, $3.75.**

### TOBACCO DUST

Fine powdered Tobacco. Used principally as a ground covering in greenhouses to repel insects. **50 lbs., $4.50.**

### TRI-OGEN ROSE FOOD (5-10-5) Organic

A 5-10-5 Rose food made from organic (long lasting) and inorganic (quickly available) materials:

| | Dealers | Consumers |
|---|---|---|
| 5-lb. bags, | 12 to case, | $7.12 case $0.89 bag |
| 10-lb. bags, | 6 to case, | 5.96 case 1.49 bag |

### UREA (44% Nitrogen)

DuPont fertilizer compound for top or side dressing or by foliage application through leaves. **80-lb. bags, $8.00 each.**

### VIGORO, AZALEA and CAMELLIA SPECIAL

Acid base, 6-8-8. Complete plant food. **5 lbs., 58c; 10 lbs., $1.05; 25 lbs., $1.90.**

### VIGORO REGULAR (6-10-4)

Vigoro contains all the major and minor elements needed for plant growth.

Available

6% Nitrogen 4% Potash 10% Phosphoric Acid

| Consumer's price | | Dealer's price |
|---|---|---|
| 1-lb. pkg., | $0.15. 32 1-lb. pkgs. to case, | $3.05 |
| 5-lb. pkg., | .60. 12 5-lb. pkgs. to case, | 4.33 |
| 10-lb. pkg., | 1.00. 6 10-lb. pkgs. to case, | 4.01 |
| 25-lb. pkg., | 1.75 | |
| 50-lb. pkg., | 2.65; per ton, $75.60. | |

### VIGORO ROSE FOOD (6-10-4)

After plants are established, feed at least three times yearly . . . early spring, early summer and in late fall when Roses are prepared for winter. **5 lbs., 85c; 10 lbs., $1.40; 25 lbs., $3.20.**

### GOLDEN VIGORO (6-10-4)

A revolutionary new lawn food that will not burn grass. One feeding lasts the entire season. Made with a patented formula by a patented process.

**Recommended rates of application—** Established lawns with high fertility—1 lb. per 100 sq. ft. New lawns and old lawns unfertilized—3 lbs. per 100 sq. ft. Available in 50-lb. bags only. **$3.95 per bag.**

## RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

| Name of Material | Analysis: Nitrogen—Phosphorus—Potash | Rate of Application Dry | Liquid |
|---|---|---|---|
| Ammonium Sulphate .... | 20-0-0 | 1 lb. per 100 sq. ft. | 1 oz. per 2 gal. |
| Nitrate of Soda ..... | 16-0-0 | 1 lb. per 100 sq. ft. | 1 oz. per 2 gal. |
| Dried Blood ..... | 13-0-0 | 2 lbs. per 100 sq. ft. | Insoluble |
| Superphosphate ..... | 0-20-0 | 5 lbs. per 100 sq. ft. | Insoluble |
| Muriate of Potash ..... | 0-0-60 | 1 lb. per 100 sq. ft. | 1 oz. per 2 gal. |
| Iron Sulphate ..... | 0-0-0 | 1 lb. per 100 sq. ft. | 1 oz. per 2 gal. |

## WATER-SOLUBLE FERTILIZERS

**Terra-Lite®**
BRAND
**VERMICULITE PLANT AID**

**Starting Seeds:** Perfect air-moisture control for speedy, dense root growth. High rate of germination, seeds easily plucked out for transplanting.

**Rooting Cuttings:** If you do rooting from cuttings you'll be amazed how quickly they develop in Terra-Lite, what masses of hair roots cuttings have.

**Storing Bulbs:** Ideal for this use; keeps bulbs firm and plump, prevents rotting.

### TERRA-LITE (VERMICULITE) New Growing Medium

| | | Dealer Each | Consumer Each |
|---|---|---|---|
| 4-qt. bag | 12 | $2.64 bale | $0.39 |
| ½-bu. bag | 6 | 2.85 bale | .89 |
| 2-bu. bag | 1 | 1.20 bag | 1.85 |
| 3 1/5 bu. | | 1.55 | 2.25 |

### HOZON

is a proportioner for applying soluble fertilizers and chemicals. Simply connect between water faucet and hose. Each $1.75.

### FERRO FTE (Fritted Trace Elements)

One pound treats 400 square feet of lawn or garden area. Now a new scientific development brings you these trace elements in a safe, easy-to-use, long lasting form called FTE. It contains iron, manganese, copper, zinc, boron and molybdenum.

| | Number to Case | Dealer Cost | Suggested Consumer |
|---|---|---|---|
| 1-lb. cans | 12 | $ 7.20 case | $ 1.00 |
| 5-lb. bags | 6 | 11.10 case | 2.95 |
| 50-lb. bags | 1 | 12.00 each | 15.00 |

### FOLIUM—Monsanto Product

The new balanced plant food—is a quickly soluble inorganic fertilizer of 20-20-20 composition (20% nitrogen, 20% phosphorus, 20% potash). It is of the leaf-feeding type.

| Type of Package | Per Case Each | Suggested Retail Each |
|---|---|---|
| 5 lbs.—6 cans to case | $18.00 | $4.50 |
| 1 lb.—48 cans to case | 40.00 | 1.25 |
| 2 ozs.—144 pkts. to case | 24.00 | .25 |

### HYPONEX

A scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

| | | | |
|---|---|---|---|
| 1-oz. size .. | $ 0.10 | Ctn. of 72 ... | $ 4.80 |
| 3-oz. size .. | .25 | Ctn. of 36 ... | 6.00 |
| 7-oz. size .. | .50 | Ctn. of 24 ... | 8.00 |
| 1 lb. ..... | 1.00 | Ctn. of 12 ... | 8.00 |
| 10 lbs. .... | 5.34 | 25 lbs. ..... | 10.00 |
| 50 lbs. .... | 16.67 | 100 lbs. ..... | 26.67 |

### NEW PLANT LIFE

A very popular liquid fertilizer. Used for house plants, also in greenhouses.

| | | | |
|---|---|---|---|
| 3-oz. bottles | $0.29 | Ctn. of 24 .... | $4.64 |
| 8-oz. bottles | .59 | Ctn. of 24 .... | 9.44 |
| Gal. bottles ..... | | | 4.00 |

### INSTANT VIGORO

For foliage feeding (leaf spray) of lawns and trees. For regular feedings of house plants and window boxes.

| | Number to Case | Dealer Cost | Suggested Consumer |
|---|---|---|---|
| 8-oz. can | 24 | $11.52 case | $ 0.80 |
| 16-oz. can | 24 | 16.27 case | 1.13 |
| 3-lb. can | 12 | 21.30 case | 3.00 |
| 25-lb. drum | 4 | 32.00 case | 13.35 |




### PLANTABBS

Analysis: 11-15-20. Contains Vitamin B1. Plantabbs supply a complete balanced plant food of high analysis; therefore, when combined with Vitamin B1, produce startling results.

| | | |
|---|---|---|
| 39c size— | 50 Tablets. Dozen ..... | $2.81 |
| 59c size— | 90 Tablets. Dozen ..... | 4.25 |
| $1.00 size— | 200 Tablets. Dozen ..... | 7.20 |
| $3.50 size— | 1000 Tablets. Each ..... | 2.10 |

### RA-PID-GRO

Soluble fertilizer for feeding either through soil or leaves.

| | Case | Dealer Cost | Suggested Consumer |
|---|---|---|---|
| 2 oz. env. | 36 | $ 5.40 per case | $ 0.25 |
| 6 oz. env. | 24 | 7.20 per case | .50 |
| 8 oz. size | 24 | 10.80 per case | .75 |
| 1 lb. size | 12 | 9.36 per case | 1.30 |
| 2 lb. size | 12 | 18.00 per case | 2.50 |
| 5 lb. size | 6 | 17.10 per case | 4.75 |
| 10 lb. size | 4 | 21.60 per case | 9.00 |
| 25 lb. size | 1 | 13.50 each | 22.50 |

# INSECTICIDES AND FUNGICIDES

**NOTE:** All prices listed are subject to change. To the best of our knowledge, prices on supply items in this catalog conform to existing price established as of the date this catalog was issued.

**NON-WARRANTY:** Seller makes no warranty of any kind, express or implied, concerning the use of these products. Buyer assumes all risk of the use of handling whether in accordance with directions or not.

## ARAMITE—15% Wettable

Controls such mites as the Citrus Red Mite, Clove Mite, European Red Mite, Pacific Mite and Two-Spotted Mite on Apples, Citrus, Grapes, Cherries, Peaches, certain varieties of Pears and other field and nursery plants. **4-lb. bag, $3.20; case of 12 4-lb. bags, $33.12.**

## AFRICAN VIOLET AEROSOL

Contains Pyrethrins, Rotenone, Piperonyl Butoxide. Controls microscopic sucking insects on African Violets, Ivy, Ferns, Philodendron, Rubber Plants, etc.

**6-oz. bomb ....$0.89 Case of 12 ....$7.12**

## ARSENATE OF LEAD

For spraying or dusting. A poison for controlling most leaf-eating pests. **1 lb., 75c; 4 lbs., $1.75.**

## BENZO-FUME AZOBENZENE PRESSURE FUMIGATORS

1 lb., to each 10,000 cu. ft. For controlling greenhouse red spider in Carnations, Chrysanthemums and many other crops. **½-lb. can, 12 to case, $3.40. 1-lb. can, 12 to case, $5.50.**

## BLACK LEAF 40

Nicotine sulphate for use against aphids, thrips and other sucking insects. Mainly used for outdoor crops because of its prolonged action.

| Retail Price | | Dealers Price Per Case |
|---|---|---|
| 1 oz. $0.49 | 4 doz. | $15.68 |
| 5 ozs. 1.39 | dozen | 11.12 |
| 1 lb. 2.98 | six | 11.92 |
| 2 lbs. 5.20 | six | 21.00 |
| 5-lb. tin $7.60 | six | 38.40 |
| 10-lb. tin 14.70 | six | 74.40 |

## BLACK LEAF ROTENONE DUST

1% Rotenone and 10% sulphur on a special carrier material. Controls Mexican Bean beetles and other chewing insects. **1 lb., 49c; 4 lbs., $1.69.**

## BORDEAUX MIXTURE (Dry)

For blight, mildew, rust, etc. Use for dry dusting or spraying. Dilute 1 pound to about 6 gals. of water. **Lb., 60c; 4 lbs., $1.50.**

## CAPTAN 50-W

For Apples, Peaches, Cherries, Roses, Tomatoes, etc. **Put up in 2-lb. bags, $2.00 each. 5-lb. bags, $4.25 each.**

## CHLORDANE 6% DUST (Du Pont)

For control of many garden and lawn pests such as ants, cutworms, chiggers, slugs, snails, grubs, etc. Also, for cockroaches, silverfish, carpet beetles, etc.

**1-lb. can .....$0.60 Case of 24 ....$9.60**
**3-lb. bag ..... 1.25 Case of 8 .... 6.65**

## CHLORDANE 40% Wettable Powder

A very effective stomach poison for a few chewing pests that are resistant to DDT. Extremely effective in the control of grasshoppers. **4 lbs., $2.75.**

## CHLORDANE LIQUID (Stauffers)

43% Chlordane Emulsifiable. For control of chiggers, ticks, lawn moths, etc. **Gal., $6.00.**

## CHLORDANE LIQUID (Black Leaf)

45% Chlordane. Ants, soaches, spiders, centipedes are easily controlled by spraying at the rate of two teaspoonfuls in a pint of water.

| Size and Suggested Retail Price | | Dealer Price Per Case |
|---|---|---|
| 5 ozs. $0.98 | dozen | $7.84 |
| 1 pt. 1.98 | six | 7.92 |
















## CHLOROBENZILATE 25% Wettable Powder

A new material giving excellent control of red spider, including the resistant variety, on Roses and other ornamentals. **4-lb. bag, $5.50.**

## CHLOROBENZILATE—Liquid

A new material giving excellent control of red spider, including the resistant variety, on Roses and other ornamentals. **1 pt., $2.50; gal., $9.65.**

## COPPER SULPHATE—BLUE VITRIOL

**10 lbs. .....$3.50 100 lbs. .....$26.00**
**25 lbs. ..... 8.00**

## CRYOLITE

**For Control of Chewing Insects**

Effective control of Mexican Bean beetles and other beetles, such as Potato beetles, striped Cucumber beetles, Asparagus beetles, flea beetles. **1-lb. can, 50c; case of 25 cans, $8.00; 50-lb. bag, $12.00.**

## CUPRINOL WOOD PRESERVATIVE—Cuprinol for Florists No. 14

Especially recommended for dipping and will result in a considerable saving to the grower in the protection of flats and stakes. In dipping the flats should be immersed in the liquid from 4 to 5 minutes. **5-gal. can, $2.85 per gal.; 50-gal. drum, $2.65 per gal.**

## CUPRINOL No. 10

For wood. Dyed green for use on exterior and interior surfaces. Stops rot, fungus and wood destroying insects. Covers approximately 400 sq. ft. to the gallon. Will not harm plants.

**1 gal. ..... per gal., $4.70**
**5 gals. ..... per gal., 4.40**
**50 gals. ..... per gal., 4.20**

## CUPRINOL CLEAR No. 20

This grade is for use over stains or where surfaces are to be left a natural finish. **Gal. $4.70; 5 gals., $22.00.**

## CYANOGAS G-FUMIGANT (Calcium Cyanide)

Excellent to control white fly, mealy bugs, leaf tiers and many other hard to control insects. Use ¼ oz. per 1000 cu. ft. **5-lb. cans, $4.25; 25-lb. cans, $13.75.**

## DDT 50%—Wettable

A wettable powder containing 50% DDT which mixes readily with water and can be used for spraying crops. Recommended dosage for horticultural crops is 1 to 2 lbs. per 100 gallons of water. **4-lb. pkg., $1.60; case of 12 4-lb. bags, $14.40.**

## DETEX—25% DDT Liquid

Liberty's DETEX. Correct dilution instructions on each can. Controls thrips, midge, leaf rollers, mealy bugs, leaf tiers, aphids, leaf hoppers, white fly. **Qt., $3.50; gal., $11.00.**

## DIELDRIN—Granular

New dustless 5% Dieldrin Granular insecticide for control of many turf, lawn and soil insects.

**1 lb. .....$0.98 4 lbs. .....$3.49**

## D-X INSECT SPRAY

A rotenone, pyrethrum, cyclonene spray non-poisonous to man that kills practically all the sucking and chewing insects that attack flowers, fruits and vegetables.

**1-gal. can ...$14.50 4-oz. can .....$1.00**
**1-qt. can .... 5.00 1-oz. bottle ..... .39**
**½-pt. can ... 1.75**

# INSECTICIDES AND FUNGICIDES — Continued

## D-X AERO SPRAY

An aerosol type spray bomb for controlling insects on flowering and foliage house plants. Contains three powerful insecticides—pyrethrum, rotenone and piperonyl cyclonene. Safe and effective on all house plants. **10-oz. spray bomb, $1.50; case of 12 10-oz. spray bombs, $11.70.**

## DOWFUME MC-2

A methyl bromide compound that has been found excellent to kill all weeds, weed seeds and soil insects including nematodes. It is used at the rate of 1 lb. per 100 sq. ft. applied under a gas proof cover, Visqueen Film or Sisal Kraft. Permits planting within 48 hours. **1-lb. can, $1.00; case of 24 1-lb. cans, $21.36. Jiffy Applicator with 20 ft. plastic tubing, $5.25; with 10 ft. plastic tubing, $4.25.**

## MC-2 TRIAL KIT

Contains 4 1-lb. cans of MC-2 with Jiffy Applicator and 10 ft. tubing and a plastic cover 8 ft. by 16 ft. **Complete Kit $11.00.**

## D-WAX

Although D-WAX permits the transplanting of trees and shrubs at any time of year, it is, of course, true that best results will be obtained with D-WAX during favorable seasons for transplanting. **Gal. $2.50; 5 gals., $11.50.**

## DRY LIME-SULPHUR

For dormant spray use 12 to 15 lbs. to each 50 gals of water. **1-lb. can, 65c; 5-lb. can, $2.50; 25-lb. drum, $7.50.**

## DU PONT FLORAL DUST

For Roses and other flowers, too. Contains "Fermate" and sulphur for black spot, powdery mildew, rust of roses and many diseases of other flowers. Also contains methoxychlor and rotenone for Japanese beetles, Rose chafers, aphids and many other insects. **8 ozs., 98c; 1 lb., $1.25; 3 lbs., $2.75.**

## DU PONT FRUIT TREE SPRAY

Recommended for control of many insects and fungous diseases affecting Apples, Peaches, Cherries, Pears, Plums, Quince, Strawberries, Currants, Gooseberries. One pound makes about 13 gallons of spray. **1 lb., $1.25; 3 lbs., $2.75.**

## DUPONT SPREADER-STICKER

Effective and economical wetter, spreader and sticker. We recommend its use with all sprays for greater efficiency.

| | |
|---|---|
| **Pint cans (1 lb.)** | **$1.20** |
| **Gal. cans (8 lbs.)** | **7.95** |

## DU PONT VEGETABLE GARDEN DUST

Safe to use close to harvest. Contains "Parzate" fungicide, a safe control for blights of Tomatoes, Potatoes, downy mildew of Squash, Melons and Cucumbers. Contains methoxychlor and rotenone for control of Bean beetle, Cabbage worms, Potato beetle, Japanese beetle and many other insects. **8 ozs., 98c; 1 lb., $1.25; 3 lbs., $2.75.**

## DU PONT TOMATO DUST

Especially for control of Tomato blights and insects. Combines the safer insecticide, Du Pont methoxychlor, with famous Copper-A fungicide. Use as dust or spray. **2-lb. bag, $1.25.**

## END-O-PEST ROSE DUST

The most complete protection against diseases, insects and mites on Roses and other flowering plants. A complete fungicide, insecticide, aphicide and miticide in one package.

| Retail | Dealer's Price |
|---|---|
| **10-oz. gun ..... $1.49** | **24 to case .... $23.76** |
| **3-lb. can ..... 3.77** | **8 to case .... 20.10** |






















## END-O-PEST

Easy to use End-o-Pest. It comes in an efficient exclusive dust gun package. Just a few quick strokes produces a thin cloud of dust.

| Retail | Dealer's Price |
|---|---|
| **8-oz. applicator gun, $0.98** | **24 to case, $15.60** |
| **8-oz. refill cartridges, .75** | **24 to case, 12.00** |

## ENDRIN

A very effective control for Cyclamen mite on African Violets, Begonias, Chrysanthemums, Cyclamen, Gloxinias, Snapdragons, and many foliage plants. Use at 1 to 400 with a spreader. **Qt., $4.25.**

## "EVER GREEN" GARDEN SPRAY

It kills many of the common varieties of both chewing and sucking insects. A Pyrethrum spray for aphids, leaf rollers, leaf hoppers, midges, tarnished bugs, white fly.

| | Dealer's Price | | |
|---|---|---|---|
| **1 oz.** | **$ 0.40** | **Doz.** | **$ 3.10** |
| **6 ozs.** | **1.35** | **Doz.** | **10.50** |
| **Pint** | **2.90** | **Doz.** | **24.35** |
| **Gal.** | **15.90** | | |

## FERMATE—Fungicide (Ferbam)

This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on Roses, leaf spot on Chrysanthemums, Snapdragon rust, anthracnose of Tomatoes and brown rot of Cherries. Recommended for use against all fungi and mildews. **½-lb. pkg., $1.00; doz., $8.00. 3-lb. pkg., $2.25; case of 12 3-lb. pkgs., $23.25.**

## FISH OIL SOAP

For use as a spreader in using spray materials. Also as a wash on various plants for cleansing foliage. With nicotine sprays use 3 to 5 lbs. to 50 gals. of water. **½ pt., 50c; pt., 90c; qt., $1.60; 25-lb. pail, $7.50.**

## FORMACIDE FORMALDEHYDE DUST

For the control of damping off seedlings. Also a disinfectant against soil diseases. **1 lb., 95c; 5 lbs., $2.50.**

## FLOWERS OF SULPHUR

A powder used to check mildew, dry rot and other fungous diseases. **5 lbs., 75c; 10 lbs., $1.20; 50-lb. bag, $3.50.**

## FULEX PARATHION FUMIGATORS

Combines the efficiency of Parathion with the principle of smoke fumigation.

| Size | Carton of 24 |
|---|---|
| **2000 cu. ft.** | **$11.50** |
| **5000 cu. ft.** | **13.50** |
| **10,000 cu. ft.** | **17.00** |
| **20,000 cu. ft.** | **26.00** |

## GRAPE and ROSE DUST (Hammond's)

Basically a microfine sulphur compound useful to control blights, powdery mildew and black spot. **1 lb., 65c; 5 lbs., $2.25.**

# INSECTICIDES AND FUNGICIDES—Continued

## HAMMOND'S "75" DUST

As a general purpose dust No. 75 Stabilized Rotenone (contains ¾% Rotenone) has proven a valuable aid to commercial growers and gardeners. Its highly toxic, non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Kills by both contact and stomach action. **Lb., 65c; 5 lbs., $2.25.**




## LINDANE—20% Emulsifiable

Greenhouse and nursery plants, to control aphids, thrips, loopers, leaf rollers, plant bugs, white flies, leaf miners, flea beetles and diabrotica beetles. Also recommended for livestock barns, dairy buildings to control flies, roaches, ants and mosquitoes. **Gal., $14.00.**

## LINDANE—25% Wettable

**For Livestock Barns and Other Buildings.** As a residual spray for control of flies, roaches, ants and mosquitoes, use at the rate of 10 pounds in 100 gallons of water. Apply to walls, ceilings, beams, window sills and other surfaces where flies come to rest. **1-lb. pkg., $2.50.**




## MALATHON—50% Emulsifiable

Considered much less toxic to humans than Parathion yet it will control practically the same insects. A new spray for aphids, thrips, soft brown scale, mealy bugs, and non-resistant red spiders. Relatively non-poisonous. **1-oz. bottles, 49c; 5 ozs., $1.39; 1 pt., $2.98; 1 qt., $5.29; gal., $12.50.**

## MALATHON—25% Wettable Powder

Considered much less toxic to humans than Parathion yet it will control practically the same insects. A new spray for aphids, thrips, soft brown scale, mealy bugs, and non-resistant red spiders. **4-lb. bag, $3.00.**




## MANZATE—Wettable Powder

A fungicide that mixes well with water for control of major fungus diseases of Tomatoes and other vegetables. **3-lb. bag, $3.75.**

## MARLATE 50 POWDER

50% Technical Methoxychlor Wettable Powder. MARLATE 50 is effective in the control of Mexican Bean beetle, Asparagus beetle, Cucumber beetles, flea beetles, Japanese beetle, leaf hoppers on Beans, Cabbage worms and Melon worms. As a spray for the control of the above insects use 2 to 3 lbs. of MARLATE 50 per 100 gals. of water. **4-lb. pkg., $3.25; case of 12 4-lb. pkgs., $33.60.**




## MBX SOIL FUMIGANT

New rapid setting fumigant. Especially toxic to nematodes, eelworms, soil insects, millipedes, centipedes, pillbugs, etc. Permits replanting in 2 to 4 days. Water seal is only covering needed. 2 3/10 gals. to 1000 sq. ft. **5-gal. drum, $19.00.**

## MBX SOIL FUMIGANT APPLICATORS

Highly satisfactory hand applicators. Adjustable for varied dosage. Will give years of service. **Each $23.00.**




## MIKE SULPHUR—Wettable Powder

More than 15 times finer than 325-mesh sulphur. Wets instantly and is the preferred wettable sulphur because of its fineness. **Lb., 40c; 4-lb. bag, 65c; case of 12 4-lb. bags, $6.00.**

## MILDEX (Contains Karathane)

A wettable powder for controlling powdery mildew on Roses and other greenhouse crops. Combines effectively with Aramite as a spray for both mildew and red spider. **3 lbs., $6.30.**

## NAPHTHALENE FLAKES

Many growers spread these under benches to repel thrips, red spider and other pests. **1-lb. box 35c; 12 for $3.60.**

## NICO-FUME PRESSURE FUMIGATOR

Insures better distribution of fumes and the most popular method of nicotine fumigation. **½-lb. cans, each 50c; 12 cans, $4.60. 1-lb. cans, each 85c; 12 cans, $8.55.**

## NICO-FUME LIQUID

For spraying and fumigating under glass. **2-lb. tin, $3.45; 8-lb. tin, $11.95; 40-lb. drum, $53.75.**

## OMPA

A systematic poison which is absorbed into the plant through the stems and leaves. Recommended to control resistant red spiders which other materials have failed. **Gal. can, $14.75.**

## OPTOX (Formerly called Hitox)

A Pyrethrum-Rotenone spray. Optox is a contact insecticide as well as a stomach poison and may be used for the control of the chewing and sucking insects: aphis (plant lice), leaf hopper, thrips, white fly, leaf rollers, red spider, mildew and mealy bugs. **1-pt. can, $2.00; 1-qt. can, each $3.70; 1-gal. can, each $12.00.**

## OVOTRAN—50% Wettable

Contains the new material K-6451 and is effective against red spider, both adult and egg stage. Can be used as spray or painted on steam pipes. A new miticide for control of spotted mite on Roses and certain mites on shade trees and ornamental shrubbery. **1-lb. bag, $1.35; 4-lb. bag, $5.00.**

## PARATHION—25% Miscible

Controls a large number of pests. Leafrollers, moths, rootworms, cockroaches, white fly, mealy bugs, thrip, red spider, sowbugs and aphids. **1-gal. can, $8.50.**

## PARA-SCALECIDE

Para-Scalecide is a combination of Paradichlorobenzene and Scalecide, which makes a liquid application for Peach borers that is safe and effective on young or old Peach trees. Para-Scalecide is diluted 1 gallon to 7 gallons of water and poured against the base of the trees 4 to 6 inches above the ground in the fall or spring. It requires approximately ½ pint for 1- to 2-year-old trees, 1 pint for 3-year-old trees. **½ pt., 75c; qt., $1.50; gal., $3.50.**

## PARATHION—15% Wettable Powder

Dow Parathion 15% wettable may be used on Apples for the control of mites, red banded leaf roller, mealy bugs and wooly aphid, also for the control of mealy bugs, aphids, leaf tiers and mites on nursery stock and ornamental shrubs. Use at the rate of ½ to 1½ lbs. per 100 gals. of water. **1-lb. pkg., 85c.**

## PARZATE POWDER

Du Pont fungicide for control of certain plant diseases and rust on Snaps and Carnations. **3-lb. bag, $2.85; case of 12 3-lb. bags, $31.20.**

# INSECTICIDES AND FUNGICIDES—Continued

## THE MODERN SCIENTIFIC WAY.... WITH LETHALAIRE

Reg. U. S. Pat.-Off.

### TEPP BOMBS—Lethalaire G-52 5% Tepp

Contains T.E.P.P. technical Tetraethylpyrophosphate. Apply only with gas mask protection. Will treat 400,000 cubic feet. Controls red spider, aphids and some mealy bugs. **Tepp Bombs $6.50 each. Deposit on cylinders, each $3.75.**

### DITHIONO G-57

Contains Tetraethyl-dithio-pyrophosphate. Controls red spider, aphids, certain mealy bugs, white flies. Recommended for use on resistant strains of red spider. **$8.00.**

### 5% DDT—Lethalaire G-53

Effective in controlling white fly, leaf tier, Chrysanthemum thrip, aphid and midge. **G-53, 5% DDT, $8.50 each, plus deposit of $3.75 for cylinder.**

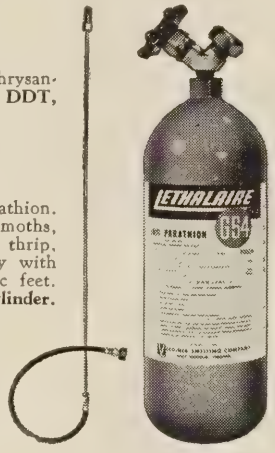
### 10% PARATHION BOMB Lethalaire G-54

Contains Thiophos "3422" Brand of Parathion. Controls a large number of pests. Leafrollers, moths, rootworms, cockroaches, white fly, mealy bugs, thrip, red spider, sowbugs and aphids. Apply only with gas mask protection. Will treat 200,000 cubic feet. **G-54, $8.00 each, plus deposit of $3.75 on cylinder.**

### Greenhouse AEROSOL BOMBS

| | Each |
|---|---|
| G-52 TEPP | $ 6.75 |
| G-53 5% DDT | 8.50 |
| G-54 PARATHION | 8.00 |
| G-57 5% Dithiono | 8.00 |
| G-61 Aramite and Lindane | 12.50 |
| G-62 Malathon | 9.75 |
| G-63 10% Chlorobenzilate 80, 10% OMPA | 13.50 |
| Deposit on cylinders | 3.75 |

**(Deposit on cylinders refunded when they are returned to us prepaid.)**




**Deposit on cylinders will be refunded when empties are returned.**

### ARAMITE AND LINDANE Lethalaire G-61

An aerosol insecticide containing 10% Aramite and 2% Lindane for use on greenhouse ornamentals only. Lethalaire G-61 is recommended for the control of two spotted spider mites, various species of aphids, thrips, mealy bugs and white flies on Roses, Chrysanthemums and Carnations. **G-61, $12.50 each, plus deposit of $3.75 on each cylinder.**

### 10% OMPA plus 10% CHLOROBENZILATE G-63

**$13.50 each; plus deposit of $3.75 on each cylinder.**

### 15% MALATHON Lethalaire G-62

For control of mites, aphids, white flies and scale on Roses, Mums, Carnations and other flowers. **$9.75 each; plus deposit of $3.75 on each cylinder.**

### LETHALAIRE SUPPLIES

#### Applicators for Bombs

| | |
|---|---|
| 24-inch, each | $7.00 |
| 36-inch, each | 7.25 |
| 48-inch, each | 7.50 |

#### Gas Masks

Approved Mine Safety Industrial mask complete with case and GMC-1 canister.

| | |
|---|---|
| Each | $25.00 |
| Extra Canisters | 4.15 |
| RUBBER GLOVES, pair | 1.60 |
| RUBBER HOODS, each | 9.25 |

### PARADOW CRYSTALS Pure Paradichlorobenzene

Kills Peach tree borers. Best applied in fall but may be used in spring. Also useful to control slugs.

| | |
|---|---|
| 5 lbs. | $2.00 |
| 25 lbs. | 7.50 |
| 100 lbs. | 25.00 |

### PANO-DRENCH

The new control for damping-off in greenhouses on flowers and ornamentals. Can be used instead of steam sterilization for control of certain fungi causing damping-off. Contains a dye so that the diluted solution can be easily identified. Pano-drench is easy to apply. **4 ozs., each $5.95.**

### POTASSIUM PERMANGANATE

1 lb. ..... $0.85 25 lbs. ..... $18.00

### RED ARROW GARDEN SPRAY

**(Pyrethrum-Rotenone.)** Kills many varieties of both sucking and chewing insects on vegetables, flowers, fruits. **2 ozs., 65c; 4 ozs., $1.25; pt., $2.85; qt., $5.00.**

### SCALECIDE

Spray every fruit tree, shade tree, shrub and vine that drops its foliage in winter with Scalecide (1 to 40). Spray any time after the foliage is off in the fall or before the buds show in the spring, provided the temperature is warmer than 40 degrees. **Qt., $1.25; gal., $3.00; 5 gals., $11.50.**










### SLUG SHOT (Hammond's)

An old favroite dust, effective against leaf eating insects and disease. **Lb., 79c; 5 lbs., $2.50.**

### SNAROL

Snarol—an attractive bait meal—will quickly rid your garden of cutworms, snails, slugs, sowbugs, earwigs and grasshoppers. Snarol is a ready prepared meal that you simply broadcast about plants and shrubs after you sprinkle them in the evening. **Lb., 50c; 6 lbs., $2.00; 50-lb. bag, $13.00.**

### SODIUM SELENATE

Applied to the soil it is taken up by the plant tissues and kills the insects that may feed on treated plant. Especially effective for red spider on Snaps, Carnations and Mums, leaf nematodes. **4 ozs., $6.00; 1 lb., $17.00.**

### SPREADER-STICKER—DUPONT

(See Page 31)

### SULPHURON

Du Pont Wettable Microfine Sulphur. **6-lb. bag, 85c; case of 8 6-lb. bags, $5.50.**

### SULFOCIDE

A sulphur fungicide for fruits, vegetables and flowers. Use 1 qt. to 50 gals. water. Add spreader. **1-gal. can, $3.00; 1-qt. can, $1.50.**

### TALC

Used as a filler in mixing insecticides and dusting. **50-lb. bag, $2.50.**

# INSECTICIDES AND FUNGICIDES—Continued

### TARTAR EMETIC

For thrip, on Glads and Onions. Use 2 ozs with 8 ozs. brown sugar to 3 gals. of water or 4 lbs. with 16 lbs. brown sugar to 100 gals. water. **Lb., $1.25; 5 lbs., $1.05 per lb.; 25-lb. drum, 95c per lb.**

### TREE TANGLEFOOT (Caterpillar Paste)

A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. **6-oz. can, 90c; lb., $1.50; 5 lbs., $7.00.**

## TRI-OGEN

**For Aphis, Mildew, and Black Spot on Roses**

All-purpose spray that gives positive plant protection. Kills all insects (chewing and sucking), controls mildew and black spot.

**E Kit** (Makes 10 qts.) .....$1.69

**A Small Kit** (makes 16 qts.) Protects 12 to 20 Roses for season ..... 2.49

**B Medium Kit** (Makes 64 qts.) Protects 50 to 80 Roses for season ..... 6.25

**C Large Kit** (makes 32 gals.) Protects 100 to 160 Roses for season ..... 9.50

**D Estate Kit** (makes 128 gals.) Protects 400 to 600 Roses for season ..... 30.00

### VAPAM FUMIGANT (Stauffers)

Vapam has proven highly effective in the control of weeds and weed seeds, nematodes and soil fungi. Write us for leaflet. **1-gal. jug, $5.60; 5-gal. drum, $24.25.**

### V-C 13 NEMACIDE

For controlling nematodes in greenhouse benches, seed flats, potting soil, etc. Write for leaflet. **8-oz. bottle, $2.50; 2½-lb. bottle, $8.50; 10-lb. bottle, $28.50.**









Cyanogas Foot Pump

### VAPOTONE

Contains tetraethyl phosphates. The new organic insecticide that has been giving such spectacular results against red spider and aphids on Roses, Carnations, Gardenias, Mums, etc.

**Gallon** .....$11.90

### VOLCK, NURSERY

The scientific insecticide for nursery, greenhouse and garden. Controls scale insects. An oil spray used against mealy bugs, scale insects, red spider and white fly.

| | | | |
|---|---|---|---|
| **4 ozs.** | $0.35 | **Case of 24** | $5.60 |
| **Pint** | .75 | **Case of 12** | 6.00 |
| **Gallon** | | | 2.85 |
| **5 gallons** | | | 9.50 |

### WILT-PRUF

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf they are enclosed in a colorless protective plastic film **6 ozs., $1.00; gal., $10.00.**

### ZERLATE

A newly developed fungicide possessing excellent adhesive properties on plants due to its resistance to washing off by rains and removal by other weathering factors. Although specific directions have not been furnished by DuPont as to its use on greenhouse crops, it has been used principally the same as Fermate. **3-lb. pkg., $2.40; case of 12 3-lb. pkgs., $25.80.**

### ZINC SULPHATE

Used as a softener in arsenate sprays on foliage, such as Peach trees, susceptible to arsenical injury. Use 2 lbs. Zinc Sulphate and 3 lbs. Hyd. Lime to 100 gals. water. **1 lb., 35c; 5 lbs., $1.25; 25 lbs., $5.00.**

## PEST AND ANIMAL CONTROLS

| | Dealer Cost Case | Suggested Consumer Each |
|---|---|---|
| **BLACK LEAF AEROSOL PFFT** | | |
| Handy all-purpose insecticide for indoors or out. Kills household pests as well as aphids, thrips and leaf hoppers in flower gardens. | | |
| **12 ozs., 12 to case** | $13.25 | $1.69 |
| **BLACK LEAF AEROSOL FLY SPRAY** | | |
| Entisely new. Contains no DDT. Ideal for home use. Kills flies, mosquitoes, ants, roaches, bedbugs. **12 ozs., 12 to case** | 11.92 | 1.49 |
| **BLACK LEAF WARFARIN** | | |
| Ready mixed rat and mouse killer. A scientific method for the control of rats and mice. | | |
| **1-lb. carton, 24 to case** | 15.68 | .98 |
| **5-lb. carton, 6 to case** | 13.96 | 3.49 |
| **CYANOGAS "A"** | | |
| For rats, mice and moles. | | |
| **1-lb. cans, 6 to case** | 4.50 | 1.25 |
| **5-lb. cans, 1 to case** | 2.85 | 4.25 |
| **25-lb. pail, 1 to case** | 10.30 | 13.75 |
| **CYANOGAS ANT KILLER** | | |
| **4-oz. can, 12 to case** | 3.60 | .50 |
| **CYANOGAS FOOD PUMPS (See cut)** | | |
| With glass jar reservoir. | | |
| **1 to carton** | 11.25 | 15.00 |
| **DOGZOFF—Liquid** | | |
| Protection against all animals. | | |
| **3-oz. bottle, 12 to case** | 6.00 | .75 |
| **12-oz. Aerosol, 12 to case** | 18.00 | 2.25 |

| | Dealer Cost Case | Suggested Consumer Each |
|---|---|---|
| **MO-GO** | | |
| Kills moles, gophers and field mice. For control of moles in lawns. Only product that gives "complete control." Merely insert in runs. | | |
| **Trial size, 24 to case** | $7.20 | $0.50 |
| **3½-oz. can, 12 to case** | 7.20 | 1.00 |
| | **Doz.** | **Pkg.** |
| **MOLE NOTS** | | |
| For control of moles. **35c pkg. (8 nots)** | $2.80 | $0.35 |
| **MOLE BAIT PAKET** | | |
| Ready to use pellets made of poison peanuts. | | |
| **1¼ ozs., 12 to case** | 2.25 | .29 |
| **6 ozs., 12 to case** | 7.80 | .98 |
| | **Dealer Cost Case** | **Suggested Consumer Each** |
| **MOLOGEN** | | |
| **½ lb., 72 to case** | $28.32 | $0.59 |
| **1½ lbs., 24 to case** | 20.00 | 1.25 |
| **MOUSE NOTS** | | |
| Mice killer. | **Doz.** | **Pkg.** |
| **35c pkg. (9 nots)** | $2.80 | $0.35 |
| **RAT NOTS** | | |
| Red squill rat killer. | | |
| **35c pkg. (9 nots)** | 2.80 | .35 |
| | **Dealers Cost Case** | **Suggested Consumer Each** |
| **RIDZ DOG REPELLENT—AEROSOL** | | |
| **12 ozs., 12 to case** | $10.73 | $1.49 |
| **RODENT DESTROYERS (Smiths)** | **Carton** | **Doz.** |
| Gas type destroyer of moles, rats, gophers. | | |
| **3 doz. to carton** | $3.00 | $1.50 |

## FUNGICIDES FOR SEED, GRAIN, BULBS

### ARASAN

For Corn, Peanuts and certain vegetables. Reduces seed decay and damping-off for treating all your seeds.

**¾ oz.** ....$0.25 **8 ozs.** ....$1.00

### CERESAN (2%)

For Cotton, Peas and Narcissus.

**1½-lb. can** .....$2.15

### CERESAN M

For Wheat, Oats, Barley, Rye and Peas.

**14 ozs.** ...$1.60 **3-lb. can** ...$4.45

### SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off.

**12-oz. can** ..$3.40 **25-lb. can** ..$95.90

### SEMESAN BEL

For Irish and Sweet Seed Potatoes. A dip disinfectant for seed Potatoes. One pound treats from 60 to 80 bushels.

**3 ozs.** .....$1.05 **1 lb.** .....$3.30

### TERSAN 75

A DuPont fungicide for golf and lawn turfs, will prevent large brown patch and dollar spot.

**3-lb. bag** .....$6.75

# PLANT HORMONES

## APP-L-SET

A plant hormone, containing Alpha Naphthyl Acetic Acid, to reduce pre-harvest drop of Apples and Pears. One-fourth pound makes 100 gallons of spray. **¼-lb. can, 60c; case of 24 cans, $9.60.**

## BLOSSOM SET, NO SEED HORMONE, Aerosol Bomb

Ready to use. Contains 12 ozs., enough for 100 plants. **Retails at $1.79; per case of 12, $12.88.**

## COLOR-SET

Color-Set has been found effective on all Apple varieties. Color-Set will control the fruit drop and improve fruit color. **¼-pt., 90c; case of 24, $15.84.**

## FRUITONE

A hormone spray for the stopping of pre-harvest drop of fruit and the retention of flowers, leaves and certain berries. Use 1 teaspoonful to 1 gal. of water or 2 ozs. to 25 gals. **2 ozs., $1.00; 8 ozs., $1.75.**

## ROOTONE

An aid in stimulating root growth. For use on seeds, cuttings or bulbs. ¼ oz. treats 400 cuttings, 2½ lbs. of seed or 100 bulbs. 2 ozs. treats up to 3000 cuttings, 20 lbs. of seed or 800 bulbs. **¼-oz. pkg., 25c; ctn. of 24, $4.00. 2-oz. jars (up to 3000 cuttings) $1.00 each; doz., $8.00. 1-lb. pkg. (up to 30,000 cuttings), each $5.00.**

## ROOTONE No. 10

Made especially for hard to root woody cuttings. Easy to use. Just dust on plant. 2 ozs. treats up to 3000 cuttings, 1 lb. up to 40,000. **2-oz. jar, $2.00; 1-lb. can, $10.00.**

## TRANSPLANTONE

Stimulates roots of plants, shrubs and trees. Invigorates and reduces loss in transplanting. Effective combination of Vitamins and Hormones. Water soluble. Use 1 teaspoonful to gallon of water. **½-oz. pkg., 25c; ctn. of 24, $4.00. 3-oz. cans, $1.00; doz. cans, $8.00. 1-lb. cans, $4.00 each.**

## HORMODIN POWDER

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster and better. Available in three strengths: No. 1 for house, garden and greenhouse plants; No. 2 for woody and semi-woody plants; No. 3 for evergreens and trees. **25c size, No. 1 powder, 24 on a card, $3.60; combination pkg. (No. 1, No. 2 and No. 3), 75c.**

**HORMONE POWDER No. 1**
**1¾ ozs., 50c; 1-lb. tins, $3.00.**

**HORMODIN POWDER No. 2**
**1¾ ozs., 75c; 1 lb. $4.50.**

**HORMODIN POWDER No. 3**
**1 oz., $1.00; ½ lb., $4.50.**

## NITRAGIN

Inoculation promotes better quality and increases yields of Sweet Peas, Lupines, garden Peas, Beans. Home garden size. Inoculates up to 8 lbs. of seed. **Garden size, doz., $1.30; each, 20c.**

# WEED KILLERS

**Note:** Weed Killers must be used with extreme care around the greenhouse. Equipment used in spraying weed killers should not be used for spraying plants.

## AMMATE WEED KILLER

**Controls poison ivy and other noxious weeds. Keeps walks and roads clear with little trouble. Non-poisonous, fire retarding, clean, odorless, effective. ¾-1 lb. diluted in 1 gal. of water will treat 100 sq. ft. 2-lb. jar, $1.15; 6-lb. jar, $2.95.**




## CRAG HERBICIDE

CRAG Herbicide-1 kills crab grass seeds as they sprout in late spring and early summer. Safe to use too—will not discolor lawn grasses. Easily sprayed or sprinkled on. 1 lb. treats 2,000 sq. ft. of lawn for the season or 12,000 sq. ft. of garden. **4 ozs., $1.50; case of 12, $10.80; 1 lb., $4.49.**

## ESTERON BRUSH KILLER

Esteron Brush Killer contains a mixture of low volatility propylene glycol butyl ether esters of 2,4-D and 2,4,5-T. Having a high concentration of active chemicals, it gives control over nearly every type of brush and in addition will give control over broad-leaved weeds. Esteron Brush Killer is recommended for the spraying of mixed species of brush. Three to four quarts in 100 gallons of water. **Gal., $8.50.**

## DOW ESTERON 245

Recommended for use in controlling herbaceous and woody plants resistant to 2,4-D. 2 to 3 quarts in 100 gallons of water. **Gal., $12.00.**

## DOW ESTERON WEED KILLER Formula 44

Esteron 44 is a powerful 2,4-D weed killing formulation especially effective against many woody plants and certain hard-to-kill herbaceous weeds. Such plants as alder, aspen, birch, box elder, Canada thistle, field bindweed, goldenrod, Russian knapweed and many others. Use at the rate of 1 qt. of Esteron 44 in 100 gals. of water. **1-gal. can, $4.00.**

## ESTERON 10-10

ROADSIDE and GENERAL WEED CONTROL. For weed control along roads, rights-of-way, fence rows, ditch banks, and in pole yards, farm yards and similar non-crop areas, use 1 to 1½ quarts of Esteron Ten-Ten in 100 gallons of water. Wet all foliage thoroughly. **Gallon can, $5.85.**

## END-O-WEED

Available in sizes from half pint to gallon and in packets for small area spraying. Eight ounces of End-o-Weed treats 2000 sq. ft. of lawn. Kills dandelions.

| | Dealer Cost |
|---|---|
| **½ pint (24 to case) 98c pint** | **$15.60 case** |
| **1 quart (12 to case) $2.75 quart** | **22.00 case** |

## DOW SODIUM TCA 90% WEED KILLER

Dow Sodium TCA 90% offers a practical means of controlling noxious perennial grasses. This new Dow weed killer will kill Johnson grass, Bermuda grass. Dilution range is 1 pound in 1 to 2 gallons of water. If 100 pounds of Sodium TCA is required per acre, 100 to 200 gallons of water is suggested for proper application. **10-lb. can, $6.00; 50-lb. drum, 48c lb.**

## 2-4 DOW WEED KILLER 40

High in acid content and economical to use. It is ideal for low volume application. One pint treats 1 acre of small grains and grass seed crops; 2/3 pint treats 1 acre of Corn, Flax and Sorghum; 2 to 3 pints treat 1 acre of mowed turf such as a golf course; 2 teaspoonfuls make 1 gallon of spray which covers 250 square feet.

**5-gal. drums** ..... **gal. $3.75**
**1-gal. cans** ..... **gal. 4.00**

## C. W. K. CHICKWEED KILLER

Active ingredient Sodium Arsenate and Potassium Cyanate. For seedling chickweed dissolve 1 ounce in 2 gallons of water to treat 250 sq. ft. For mature chickweed double this quantity. **6-oz. can, $1.00; 1 lb., $2.00.**

## HAMMOND'S WEED KILLER

Weeds, poison ivy and all vegetation are easily killed with this highly concentrated (stands dilution with 40 parts of water), easy-to-use material. Simply mix with water, apply with sprinkling can and all vegetation withers and dies. Do not use on lawns. **Qt., $1.00; gal., $2.69; 5 gals., $10.00.**

## P. C. 80 CRAB GRASS KILLER

Contains 80% Potassium Cyanate plus a special wetting agent. Not toxic to the soil and easy to use.

For seedling crab grass mix 1 ounce in 2 gallons water to treat 300 sq. ft. For mature crab grass use 2 ounces in 2 gallons water to treat 300 sq. ft. **5 ozs., $1.00; 1 lb., $2.75; 6 lbs., $10.50.**

## WEEDONE CRAB GRASS KILLER—SODAR

WEEDONE CRAB GRASS KILLER containing SODAR. This is the new chemical, disodium methylarsonate, which received much publicity during the past season. **4 ozs., $1.25; 12 ozs., $2.75; 2-lb. can, $6.59.**

## WEEDONE NEW IMPROVED 2,4-D

Kills ugly broad-leaf weeds but will not harm common lawn grasses. Half-pint size will treat an area of 1600 square feet. Quart size will treat 6400 square feet.

**½ pint. Each**.....**$1.00** **Case of 24**.....**$14.40**
**Quart. Each**..... **2.75** **Case of 12**..... **19.80**

## WEEDONE—Crab Grass Killer with MCP

For control of crab grass, chickweed and broadleaf weeds.

| | | | Dealer Cost |
|---|---|---|---|
| **6½-oz. can** | **$1.25** | **Case of 24** | **$18.00** |
| **26-oz. can** | **3.75** | **Case of 12** | **27.00** |
| **6-lb. can** | **9.70** | **Case of 4** | **25.87** |

## ZOTOX

Kills crab grass without permanent injury to lawn.

| Size | Packed Per Case | Shipping Weight | Retail Each | Dealer Cost Per Case |
|---|---|---|---|---|
| **8 ozs.** | **12** | **12 lbs.** | **$ 1.00** | **$ 7.20** |
| **16 ozs.** | **12** | **24 lbs.** | **1.50** | **10.80** |
| **32 ozs.** | **6** | **20 lbs.** | **2.50** | **9.00** |
| **5 lbs.** | **2** | **16 lbs.** | **4.50** | **5.40** |
| **30 lbs.** | **1** | **65 lbs.** | **22.50** | **15.75** |



# SUPPLIES FOR THE GROWERS

All F.O.B. St. Louis

## PLANT BANDS

All F.O.B. St. Louis

*Grow All Your Plants, Seeds, and Cuttings This Modern Way*

## STAPLED WOOD PLANT BANDS

If in the market for 50,000 or over, write for special price. Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup. All bands are packed 1000 to a case except 4x4x4 inch which are packed 500 to a case.

| Size in inches | Weight per 1000 | Per 1000 | Size in inches | Weight per 1000 | Per 1000 |
|---|---|---|---|---|---|
| 1¾x1¾x2½ | 28 lbs. | $5.00 | 2½x2½x3 | 38 lbs. | $5.80 |
| 2 x2 x2 | 28 lbs. | 5.00 | 3 x3 x3 | 45 lbs. | 6.20 |
| 2 x2 x2½ | 32 lbs. | 5.10 | 3 x3 x4 | 70 lbs. | 6.40 |
| 2 x2 x3 | 32 lbs. | 5.40 | 4 x4 x3 | 90 lbs. | 6.50 |
| 2¼x2¼x2½ | 30 lbs. | 5.30 | 4 x4 x4 | 90 lbs. | 7.40 |
| 2½x2½x2½ | 38 lbs. | 5.40 | | | |

**We can supply bottoms for the above bands. Please write for prices.**



## BIRD'S VITA-BANDS

**WHETHER** you start your crop in Vita-Band "H", Vita-Band "D", which disintegrates in the soil, or Vita-Band "10", for the shorter growing periods, you can move whole flats at a time. Individual plants are easily removed from the flats for quick transplanting without shock.

### BIRD GROWTH-STIMULATING PLANT BANDS

**Bands Sold in Full Cartons Only.**

### VITA-BAND 10



**VITA-BAND 10** for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

| Packed per Carton | | Packed per Carton | |
|---|---|---|---|
| 1½x1½x2½, 2000 | $ 7.80 | 2½x2½x3, 2000 | $12.00 |
| 1¾x1¾x2½, 2000 | 8.40 | 3 x3 x3, 1000 | 6.90 |
| 2 x2 x2½, 2000 | 9.60 | 4 x4 x3, 500 | 4.50 |
| 2 x2 x3, 2000 | 10.60 | 4 x4 x4, 500 | 5.65 |

### VITA-BAND D



**VITA-BAND D** contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

| Packed per Carton | | Packed per Carton | |
|---|---|---|---|
| 1½x1½x2½, 2000 | $ 8.10 | 2½x2½x3, 2000 | $12.10 |
| 1¾x1¾x2½, 2000 | 8.70 | 3 x3 x3, 1000 | 7.05 |
| 2 x2 x2½, 2000 | 9.80 | 4 x4 x3, 1000 | 9.25 |
| 2 x2 x3, 2000 | 11.20 | 4 x4 x4, 500 | 11.60 |

### VITA-BAND H



**VITA-BAND H** is the new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band "H" will control root growth of those plants which demand extra long growing periods.

| Packed per Carton | | Packed per Carton | |
|---|---|---|---|
| 1¾x1¾x2½, 1000 | $5.60 | 3x3x3, 500 | $4.25 |
| 2 x2 x2½, 1000 | 5.95 | 4x4x3, 500 | 5.25 |
| 2 x2 x3, 1000 | 7.10 | 4x4x4, 500 | 6.45 |
| 2½x2½x3, 500 | 3.85 | | |

## BIRD PERENNIAL POTS

A better perennial pot. Made of a tough material, with hard, smooth coating inside and out. Solid stapled bottom with openings for drainage.

**Minimum order: Case of 200.** Height, 5 in.; top diam., 8 in.; per case of 200, **$14.50.**

## BIRD TOM THUMB FLATS

Tom Thumb Flats are made of heavy water proof fibre resinous material. Use with Vita-Band "D" or Vita-Band "10". The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices.

**Tom Thumb Flats Hold** one doz. 2x2x2½" Vita-Band No. 10.




**TOM THUMB FLATS**

| | Per Carton |
|---|---|
| **No. 2.** 250 to carton | $12.50 |

**No. 10 VITA BANDS**

| | |
|---|---|
| 2000 2x2x2½" to carton | 9.60 |

## BIRD'S PAPER POTS



**RED POTS for Shipping.** Your plants will arrive in good condition and protect your reputation for shipping sturdy, healthy plants. They save packing time. Shipped to you set up and ready to use, these pots make shipping a simple one-step operation.

**VITA-POTS.** Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Band, has now been applied to this sturdy resinous pot. Reduces watering.

Sold in Units of 1000 Only

| Size | Weight per Carton | Prices per 1000 Red Pots | Vita-Pots |
|---|---|---|---|
| 2¼-inch (1000 per carton) | 12 lbs. | $ 8.60 | $14.95 |
| 2½-inch (1000 per carton) | 16 lbs. | 8.70 | 15.50 |
| 3 -inch (1000 per carton) | 22 lbs. | 9.15 | 17.40 |
| 3½-inch (1000 per carton) | 32 lbs. | 12.20 | 22.70 |
| 4 -inch ( 500 per carton) | 21 lbs. | 14.70 | .... |
| 5 -inch ( 500 per carton) | 33 lbs. | 18.15 | .... |

## JIFFY-POTS

Available in 2¼ and 3-inch pots, they are rigid except when thoroughly soaked and will stand considerable handling and shipping abuse

| | Per 1000 |
|---|---|
| **2¼-inch** | |
| 3000 minimum, weight 35 lbs. per case | $ 7.25 |
| 21,000 to 72,000 | 6.75 |
| **3-inch** | |
| 1500 minimum, weight 35 lbs. per case | 13.25 |



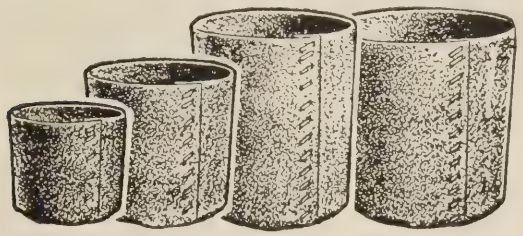
## PANSY BASKETS

| Weight per 100 | 100 | 500 | 1000 |
|---|---|---|---|
| 1 qt., 12 lbs. | $3.25 | $15.00 | $28.00 |
| 2 qt., 17 lbs. | 3.60 | 17.00 | 32.00 |
| 3 qt., 20 lbs. | 4.00 | 18.00 | 34.00 |

# SUPPLIES FOR THE GROWER

## "CLOVERSET" POTS FOR PLANTS

Made of tough waterproof fiber fabric, asphalt-coated, similar to roofing. We do not break cartons.



No. 0 No. 1 No. 2 No. 3

| Std. Pots | Top Dia. | Ht. | Per Carton | Wt. Per Carton | Per Carton | Per 1000 |
|---|---|---|---|---|---|---|
| No. 0. | 5 in. | 5½ in. | 200 | 48 lbs. | $8.80 | $39.50 |
| No. 1. | 6 in. | 6½ in. | 100 | 34 lbs. | 5.50 | 50.50 |
| No. 2. | 7 in. | 9 in. | 100 | 54 lbs. | 6.50 | 59.50 |
| No. 3. | 8 in. | 9 in. | 100 | 55 lbs. | 7.25 | 65.50 |
| No. 4. | 12 in. | 12 in. | 25 | 35 lbs. | 7.75 | ..... |

## PLANT TUB—RICHMOND STYLE

Strongly constructed of wood and held rigid with 3 steel wire straps. Painted green.



| | Inside Top Diam. | Price Each |
|---|---|---|
| No. 2. | 7 in. | $1.75 |
| No. 3. | 8 in. | 1.85 |
| No. 4. | 9 in. | 2.15 |
| No. 5. | 10 in. | 2.40 |
| No. 7. | 12 in. | 2.90 |
| No. 9. | 14 in. | 3.65 |
| No. 11. | 16 in. | 4.35 |

## TEKPAKS



Color—Dark Brown. Packed 250 to a Carton.
Sold in Full Cartons Only. Price per Thousand.

| | | 250- | 1000- | 5,000- | 10,000- |
|---|---|---|---|---|---|
| No. | Dimensions | 750 | 4,750 | 9,750 | 49,750 |
| 55. | 4½x5x2½ | $40.00/M | $38.00/M | $37.60/M | $36.50/M |
| 58. | 5x8x2½ | 56.00/M | 53.50/M | 53.00/M | 51.50/M |
| 583. | 5x8x3 | 58.00/M | 55.50/M | 55.00/M | 53.50/M |

## BAMBOO CANE STAKES—JAPAN

### Green Dyed, Lead Pencil Thickness

| | Bale | | Bale |
|---|---|---|---|
| 1½ ft., 2000 | $ 7.50 | 3½ ft., 2000 | $18.00 |
| 2 ft., 2000 | 9.50 | 4 ft., 2000 | 22.00 |
| 2½ ft., 2000 | 11.50 | 5 ft., 2000 | 27.50 |
| 3 ft., 2000 | 15.00 | | |

## NATIVE BAMBOO CANES

| | Bale | | Bale |
|---|---|---|---|
| 1½ ft., 1000 | $4.75 | 3 ft., 1000 | $ 9.50 |
| 2 ft., 1000 | 5.85 | 3½ ft., 1000 | 11.50 |
| 2½ ft., 1000 | 7.50 | 4 ft., 1000 | 13.50 |

## HYACINTH STAKES

Pointed wood. Painted green.
1000 to bale.

12-inch, bale $4.00 18-inch, bale $5.55
15-inch, bale 4.95

## WEATHERPROOF PENCILS

For marking labels. Will not rub off or fade. Each 10c; doz., $1.00.

## GERMACO HOTKAPS

**Ideal Method of Plant Protection**

Excellent to protect early plants or seeds against frost, rain, wind and insects. Maintain perfect mulch, promote sturdy growth, increase yield and bring crops to maturity 2 to 3 weeks earlier. Easy to set out; directions on package. Made of waxed paper.

**Steel Hotkap Setter, each $1.95; Fibreboard Setter, each 25c.**




## HOTKAPS

| | Dealer | Consumer Price |
|---|---|---|
| 12 Packages (25 Hotkaps to package) with paper setter | $ 7.80 case | $0.95 pkg. |
| 100 Hotkaps to package with paper setter | 2.60 pkg. | 3.45 pkg. |
| 250 Hotkaps to package with paper setter | 5.20 pkg. | 6.50 pkg. |
| 1000 in carton | 16.75 pkg. | 19.95 ctn. |

## GREEN THUMB GLOVES

Soft, washable for garden and house use. Small, medium and large. Specify size when ordering. **Price, per pair, 89c.**
**SOFT TOUCH.** Household and gardening glove, size 5½ to 8. **Pair, 98c.**

## GLAZING SUPPLIES

### Master Mastics—Master Filler

**Gun Grade.** A superior grade which will not dry out or crumble. Seals tight, remains soft and pliable. **Gal., $4.35; 5-gal. can, $21.25.**

### PERMA-GLAZE PUTTY

**Gun Grade** ..... Gal. $3.10; 5 gals., $15.00

### GLASS CUTTERS

**Fletcher's Bronze Bearing, 35c each; doz., $3.50.**

### GLAZING CHISEL

For applying glazing brads. **Each $3.25**



### GLAZING GUN

Best for liquid putty.

No. 32. 32 Cubic Inch, 10-in. Barrel .. $5.20
No. 45. 45 Cubic Inch, 14-in. Barrel .. 6.90

### GALVANIZED WIRE BRADS

Easy to drive and made so they will not wedge or crack the glass in driving. Easy to drive with a chisel.

Wire Brads, ⅝-inch, 1-lb. boxes ..... $0.55
Glazing Staples, 1-lb. boxes ..... .95

### LABELS



**POT LABELS** are ⅝ inch wide.

| Size | Weight per Carton | Pounds Per carton | Prices per 1000 Plain | Painted |
|---|---|---|---|---|
| 4-inch | 4 lb. | 3½ | $3.00 | $3.55 |
| 5-inch | 5 lb. | 4¾ | 3.20 | 3.80 |
| 6-inch | 6 lb. | 5½ | 3.50 | 4.30 |
| 8-inch | 5 lb. | 4 | 5.15 | 6.35 |
| 10-inch | 6 lb. | 5 | 6.15 | 7.45 |
| 12-inch | 7 lb. | 6 | 7.15 | 8.75 |

4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton. We do not break the cartons.

### GARDEN LABELS

| Size | Pounds per carton | Packed in cartons | Price per carton Plain | Painted |
|---|---|---|---|---|
| We do not break the cartons. | | | | |
| 8x⅞ inches | 3 lb. | 2¾ | 250 | $2.10 | $2.35 |
| 10x⅞ inches | 4 lb. | 4 | 250 | 2.35 | 2.60 |
| 12x1⅛ inches | 3 lb. | 2 | 100 | 1.70 | 1.95 |



### TREE LABELS Wired

Packed 1000 to carton. We do not break the cartons. Per 1000

Plain—Weight 4 lbs. ..... $3.55
Painted ..... 4.35

### STA-BRIGHT PLANT LABELS

**ALUMINUM TREE LABELS.** Wired, 3¾ inches long, ¾ inch wide. Made of light metal, mark with nail or steel point. **25 for 35c; 100 for $1.35; 1000 for $11.50.**

# SPRAYERS

**Prices subject to change without notice.**

## SMITH No. 32 G. F. RITESIZE

Funnel top for all spraying purposes. Capacity 2 gals., Armco steel tank. 5-ft. hose, extension rod, adjustable nozzle. Each $8.75.




## SMITH JUSTRITE SPRAYER

Preferred by ladies because it is light weight. Adjustable nozzle for short or long distance spray, 2-gal. galvanized steel tank. $7.75.

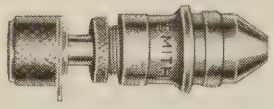



## SMITH SPRAYERS

Made of heavy tin and Armco zinc-grip steel.

**No. 3G. SPRAYER WITH GALVANIZED TANK.** Capacity 1 qt. Each $1.25.

**No. 10G. CONTINUOUS.** Capacity 1 qt. Galvanized. Each $1.90.



## ADJUSTABLE NOZZLE

Throws broad fog mist, or long distance spray for trees. ¼-inch pipe connection.

**No. 147. Each** ..... **$1.75**




## No. 335G HUDSON CLIMAX

An excellent sprayer for all-around general use. 3½ gallons. Shipping weight 10 lbs. Each $11.80.

## SPRAY NOZZLES

For compressed air sprayers.

**No. 176. PERFECTION SHUTOFF.** With nozzle. Each $2.50.

**No. 161. PERFECTION SHUT-OFF.** Nozzle; 2-ft. hose; 2-ft. extension. Each $3.75.

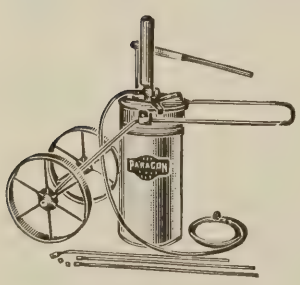
**No. 166. STRAIGHT FOG NOZZLE.** Each 85c.

**No. 168. ANGLE FOG NOZZLE.** Each 85c.

**No. 149. SHUT-OFF COCK.** Each $1.50.

**No. 75. MALE HOSE COUPLING.** Each 40c.

**No. 73. FEMALE HOSE COUPLING.** Each 40c.




## GREENHOUSE SPRAYER PARAGON No. 3-2W

Economical—Durable—Efficient

**No. 3-W.** Standard equipment: 10-ft. special spray hose, 7½-ft. spray pipe in 3 sections, 2 spray nozzles, all steel truck. Capacity, 12 gals. With 2 wheels. $46.65.

## PARAGON 353 POWER SPRAYER

**PUMP.** Delivers up to 1½ gallons a minute.

**POWER.** 4-cycle ¾ HP gasoline engine. Can also be furnished with electric motor at same price.

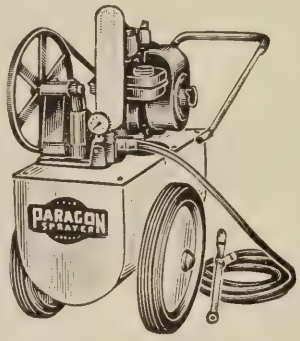
**GUN.** Easily regulated . . . mist or 25-foot . . . 15 feet ⅜" spray hose.

**AGITATOR.** Double-bladed.

**TANK.** 12-gallon.

**WHEELS.** 14" rubber tired.

**Price $157.50.**




## HIGH PRESSURE SPRAY HOSE

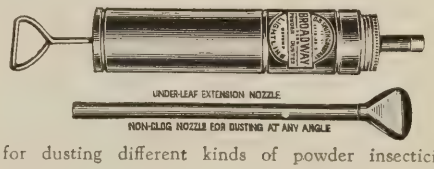
**⅜ in.—Uncoupled. Per ft.** ..... **$0.30**

## BLIZZARD SPRAYERS

The finest and most attractive sprayer ever made. Has brass twin nozzle; seamless brass pump; highly polished copper tank. 1 qt. Blizzard, all brass, $4.50.




Smith Blizzard Continuous Sprayer




## SMITH No. 39 DUSTER

It is a very popular size for home gardens, and for dusting different kinds of powder insecticides. Each $1.95.

## HUDSON ADMIRAL DUSTER

Stoutly made for long service. Easy to fill and operate. Holds ½ lb. of dust per filling.

**No. 766 Each** ..... **$2.25**

## GOGGLES (Wilson)

**WILSON MONO GOGGLES.** Light weight goggle for protection of eyes while dusting or spraying. Each $2.40.

## RESPIRATOR (Wilson)

Wilson Agrisol chemical cartridge respirator for protection in outside spraying of Parathion, or Nicotine. Each $5.25.

## KILLER KANE APPLICATOR

Killer Kane kills weeds with a squirt. No stooping, no digging. You kill weeds as fast as you can walk. Valve closes automatically as Killer Kane is lifted. Spray does not drift. Each $1.98.

## TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs., to 100 gallons of water.

| | | | |
|---|---|---|---|
| **5 lbs.** ..... | **$1.25** | **10 lbs.** ..... | **$2.00** |
| **25 lbs.** ..... | **3.50** | **50 lbs.** ..... | **5.00** |

# SPRAYERS AND SUPPLES

Prices subject to change without notice.

## GOODYEAR RUBBER GARDEN HOSE

We consider this the finest garden hose money can buy. Full, smooth, tough inner tube, reinforced with two braids of heavy rayon cord. Outer cover is attractive green.

**Goodyear Emerald Cord, 50-ft. length ¾ in. with brass couplings, $17.75.**

**Goodyear Elm Green, ⅝ in., single braid of heavy rayon cord, 50-ft. length with brass couplings, $8.75.**

## HOSE WASHERS—Rubber

¾ in., 10c per doz.; 1 in., 15c per doz.

## Garden Hose Plastic Goodyear Vinyl

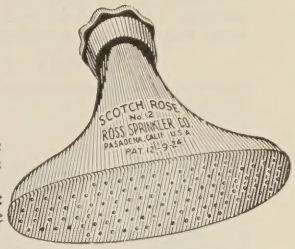
The finest quality plastic hose we have found yet. Tough, yet pliable. Full-flow "pull proof" couplings of heavy brass. High bursting pressure, long life. Green color. **Goodyear Vinyl Plastic ½ inch garden hose. 50-ft. length $8.75; 25-ft. length $4.75.**



**CLINCHER HOSE MENDERS**
½ in., ⅝ in., ¾ in.
Each 20c; doz., $2.30.

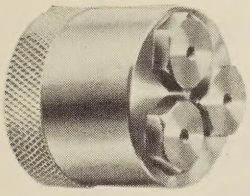
**CLINCHER HOSE COUPLINGS**
½ in., ⅝ in., ¾ in.
Each 40c; doz., $4.70.

## No. 12 SCOTCH ROSE SPRAY




Gives the same fan-like spray as the No. 10 Rose, but smaller in size with an oval face. The body is drawn from sheet brass with face seamed **No. 12, each $1.15.**

## FOGG-IT-NOZZLE



This fog spray will lay a dew on young plants. It breaks the water into a fine fog. **$2.00 each.**




## Andrews Plastic Hose Sprinkler

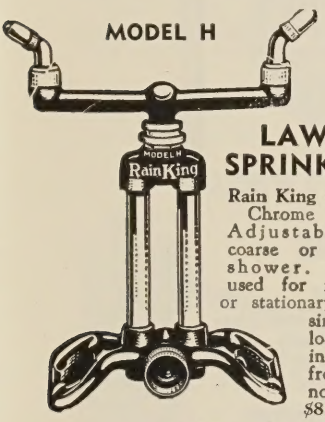
Because it is 2 tubes of lightweight plastic the Andrews Sprinkler will sprinkle 2 ways or only 1 way. The spray is gentle as an April shower, so fine it will not harm the most delicate flowers.

| | | | |
|---|---|---|---|
| 20 ft. | $2.98 | 50 ft. | $4.98 |
| 30 ft. | 3.49 | 100 ft. | 8.74 |



## Rose Spray Heads

**No. 14. ROUND NOZZLE SPRAY.** All brass, distributes water evenly; ¾-inch connection. **75c each.**




## LAWN SPRINKLERS

**Rain King Sprinkler** Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel. 11¼ in. tall; 9¼ in. from nozzle to nozzle. **Model H, $8.50.**

Model K, each $9.50.




## Flat Spray Sprinkler No. 10

Cast brass. **Each .....$1.35**

## Canvas Kid Ground Soakers

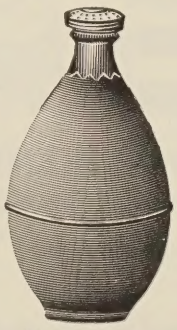
Your Ground Soaker is made from sturdy, high grade canvas.

GROUND SOAKERS

| | |
|---|---|
| 20 ft. | $2.00 |
| 30 ft. | 3.75 |
| 50 ft. | 4.50 |

## RESINITE SPRINKLER TWIN-TUBE SPRINKLER

Extra width twin-tube style. New plastic compound is stronger, stands more pressure, yet is more flexible. New positive seal couplings at both ends. **20 ft., $3.30; 50 ft., $4.95.**



## Scollay's Florists' Sprinkler

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. **Price, $1.50.**

## BRADSON GUNS INSECTICIDES FUNGICIDES FOLIAGE FEEDING

## GARD-N-GUN

**3 gallon capacity**




- Pint wide mouth jar furnished, home replaceable.
- Exclusive Bradson automatic valve . . . water pressure holds it on or off as set.
- Open air mixing . . . can't backflow . . . no jets to clog . . . sprays any material in penetrating fan spray pattern. **$3.95.**

## INSECT-O-GUN

**6 gallon capacity**




- Deluxe pistol grip model . . . handy hangup hook . . . quart mason jar furnished.
- Exclusive Bradson automatic valve . . . water pressure holds it on or off as set.
- Open air mixing . . . can't backflow . . . no jets to clog . . . sprays any material in penetrating fan spray pattern. **$5.95.**

## GRO-GUN

Sprays any plant food, lawn treatment. **$2.95.**

## SMITH BRONX SPRAYER

Unexcelled for spraying plants in the home. Sprayer made entirely of brass, nickel-plated. Sprayer screws to glass bottle. Easy pump stroke up and down. **Bronx Bottle Sprayer, qt. size, $2.15.**

## Water Breakers



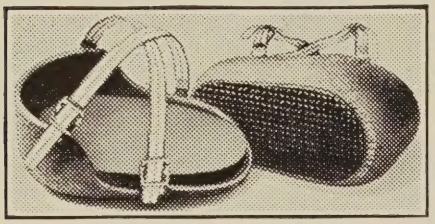

**No. 400 DRAMM.** Gives a large volume of water with very little pressure. This breaker is the answer to the florist's problem for an all-purpose watering gadget. **Fits ¾ in. coupling. Price each, $1.50.**

**ADVANCE water breaker has 41 drilled holes. Delivers an even spray. Fits ¾-in. hose connection. Each $2.10.**

# SUPPLIES FOR THE GROWER

## IMPORTANT!

**Because of the high cost of labor and packing materials, it is necessary for us to ask you please to include sufficient postage on small shipments of sprinklers, nozzles and supplies.**



## KNEE PADS

A practical, serviceable, comfort-giving knee cushion. **Per pair, $2.00.**

## APRONS—Greenhouse

**RUBBER:** Medium heavy, soft and pliable, yet tough and durable. 45 inches long. **Each $3.75.**

## SIMPLEX SOIL TEST OUTFIT

Complete instruction book, directions and charts included. All packed in a strong metal box. **The Junior, $33.50 complete.**

## GREENHOUSE WHITE SHADING

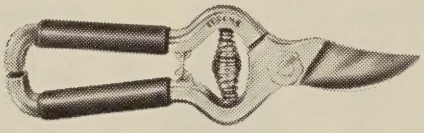
**50-lb. bag, sufficient for 600 to 700 sq. ft., $1.50.**

## PRUNING SHEARS



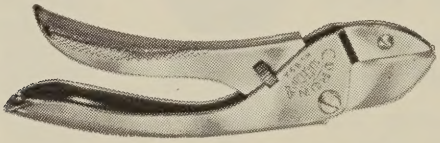
## IMPORTED GERMAN PRUNING SHEARS

**No. 84.** Finest quality, 8½ in. Full polished with ratchet and lock nut. **Each $3.25.**



## PROFESSIONAL HAND PRUNER
### Corona-Rieser Pattern

**No. 80.** Made of the finest steel, 8 inches long, for trimming shrubs and trees. **Each $3.95.**



## SLICE CUT SHEAR

**No. 89-A.** Fits the hand like a glove—natural curvature prevents slipping of hand. Highest quality carbon steel. **Each $2.40.**



## CORONA GRASS SHEAR

**No. 5.** Alloy steel, the finest cutlery steel available, is used throughout its construction. It's a light weight shear, beautifully finished and polished. **Each $2.75.**

## CORONA HEDGE SHEAR

The outstanding hedge shear. Meets the highest requirements demanded by professional users. 8-inch blade. **Each $3.95.**

## VIBRA-SEEDER

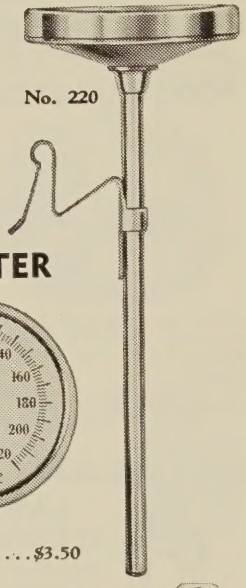
A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row of flat in fraction of time normally required. Operating cost one flashlight battery per season. A real time, labor and seed saver. Without battery. **$2.25 each.**




## SEED SOWERS

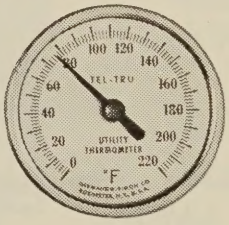
Very popular and extensively used. The bag holds about ½ bushel of seed. It is easily operated.

**Cyclone Seeders, standard $4.25**
**Tin Horn Seeders, each .. 1.80**



No. 220

## SOIL THERMOMETER
### Tel-Tru Dial Stem




New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2⅛". Stem length 6". 0° to 220°.

**No. 220. Each .....$3.50**

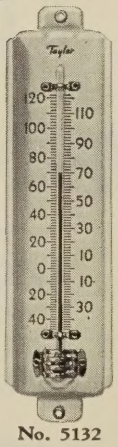
## THERMOMETERS

### Wall Thermometer

**No. 5140.** Magnifying lens tube with non-fading red liquid. Range suitable for outdoors. Ivory finished scale and grey finished wood back. **Each $1.00.**

### Outdoor Wall Thermometer

**No. 5132.** Has 7 in. vitreous enameled scale with flanged sides. Magnifying lens tube with non-fading red liquid. **Each $1.50.**




No. 5132

## GRAFTING WAX

Use smooth straight scion wood of one season's growth. When scions are set, wax thoroughly. This wax may be used by placing in warm water until soft enough to work. ¼ lb., 40c; ½ lb., 75c.

## PEARL CHIPS

**PEARL CHIPS, White.** For growing bulbs in bowls. **10 lbs., 75c; $4.50 per 100 lbs.**

**PEARL CHIPS, Colored. 10 lbs., 90c; $5.50 per 100 lbs.**

## RAFFIA

Finest grade West Coast Majunga. Natural finest imported.
**1 lb. .....$0.70 5 lbs. .....$3.35**

## SHEET MOSS

Sheet Moss green for lining hanging baskets. **5-lb. box, $2.25.**

## SPHAGNUM MOSS

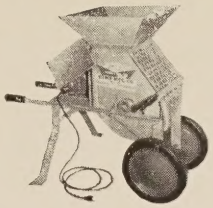
Carefully selected. **Finest quality. Free from sticks and other refuse.** Gathered from the finest swamps.
Weight, per bale, approximately 20 lbs.
**Per bale .....$2.50 10 bales .....$24.00**

## MARKIT PLANT MARKERS

Plastic plant marker. Durable, weatherproof; for marking seed flats and plants. **25 markers to box, $1.25.**

# SUPPLIES FOR THE GROWER
# KEMP POWER SOIL SHREDDERS

Designed to handle heavy compost under all possible conditions. Low in price, economical to operate. Saves labor and time. Available in three sizes. The machine pictured is the No. 6. A very reasonably priced machine for the small grower. Powered with ½ or ¾ HP electric motor that can be plugged in any socket. Will handle all that one or two men can shovel.



## MODEL No. 6

With ¾ HP Electric Motor, 3-ft. cord ....$215.00
With 1½ HP Briggs and Stratton Gas Engine. 194.00

## MODEL No. 1

With 1½ HP Electric Motor, switch and cord .....$595.00
With 2½ HP Briggs and Stratton Gas Engine ..... 565.00

## MODEL No. SKO

**Rubber Tires Standard Equipment on This Model**

For leaves, weeds, vines and other organic material. Can be used for shredding soil, manure and peat. Power:
With 1 HP G.E. Electric Motor, 3-ft. cord .....$174.00
With 1½ HP Briggs and Stratton Gas Engine ..... 174.00

## KEMP SHREDETTE for Home Gardeners

With 1 HP G.E. Electric Motor .....$139.50
With 1½ HP Briggs and Stratton Gas Engine ..... 139.50
Without Engine or Motor ..... 97.50

# GARDEN SUPPLIES

## ASPARAGUS KNIVES or WEEDER

V-shape blade, polished. Can be used as a weeder. **Each 90c.**

## GARDEN TROWELS

**STAINLESS STEEL GARDEN TROWEL.** The finest trowel made. Forged from highest quality steel and highly tempered. Width 3 inches, depth 4 inches, handle 5 inches. **Each $1.50.**

**No. 222 STRAWBERRY TROWEL.** For transplanting plants. 5½-inch blade and shank made in one piece. **Each 45c.**

**No. 217 TRANSPLANTING TROWEL.** The 6-inch blade is narrow and curved. **Each 45c.**

**No. 300 SPADING FORK** (3 Tines). Steel tines on lacquered red polished hardwood handle, length 11 inches. **Each 90c.**

## IDEAL WEEDERS

Peculiar shape permits a wide range of work. **Each 75c.**

## ROSS ROOT FEEDER

Root feeder with 12 cartridges, $4.98.




## MAGIC WEEDER—SPRING TOOTH

One of the most popular garden tools. Light in weight, comfortable handle. Has unique device for bringing tines closer together so that weeding can be done between more closely spaced plants.

| | Each |
|---|---|
| Style C. 5½-in. wood handle | $0.35 |
| Style B. 18-in. wood handle | .50 |

## TREE WRAP

Duplex creped paper. 4 inches wide. 150 feet long. Weight 2½ lbs.

| | | | |
|---|---|---|---|
| Per roll, 150 ft. | $0.95 | 10 rolls | $7.50 |
| Per roll, 50 ft. | .49 | 10 rolls | 4.00 |

## TREE WOUND PAINT

A very adherent and long lasting antiseptic dressing for sealing and waterproofing tree wounds. Prevents infection of pruned or damaged portions. Also good for grafting purposes. ½ pt., 90c; pt., $1.65; qt., $2.45.

## Wayward Vine Guide and Support

For Training and Supporting Ivy, Small Fruiting Trees and all other Vines, etc., on Brick, Stucco, Stone and Cement Walls without defacing. No Nails—No Holes. **Price, box of 20, including cement, $1.00.**

**FRANCIS WALL NAILS** for holding vines on buildings. **Box of 20, 75c.**

## SISALKRAFT

A most satisfactory and economical cover for **sterilizing** of soil and **shading Pompons.**

| | Per roll | | Per roll |
|---|---|---|---|
| 4 ft. x 166 ft. | $13.35 | 6 ft. x 166 ft. | $20.00 |
| 5 ft. x 100 ft. | 10.00 | 7 ft. x 142 ft. | 20.00 |

## EROSIONET

| | Width | Weight | Per Roll | Per Yd. |
|---|---|---|---|---|
| 250-yd. Roll | 45 in. | 105 lbs. | $41.75 | 22c |

## SKINNER SYSTEM NOZZLES

**Silver Stream.** Famous nozzle for outdoor use.




| | Each |
|---|---|
| SS Silver Stream | $0.10 |
| ST Short Throw | .21 |
| ST 50 Degrees | .21 |
| ST 80 Degrees | .21 |
| Superior Greenhouse Nozzles | .50 |
| Skinner Drill Bits | 2.25 |
| Humidifying Nozzle | 1.35 |
| Skinner Brass Coupling. ¾ in. | 2.50 |
| Skinner Brass Coupling. 1 in. | 3.25 |




## TWIST-EMS

Twist-Ems are dark green, strong tapes with wire reinforcing making that perfect plant tie. Simply put around the stem and support and twist.

Pkg. of 100 Twist-Ems (8 in.) .....$0.25
Carton of 24 pkgs. Per carton ..... 4.00
Pkg. of 100 Twist-Ems (16 in.) ..... .50
Carton of 24 pkgs. Per carton ..... 8.00
250-ft. continuous roll, packed 12 to carton: $8.00 per carton; $1.00 per roll.

## TWINE

(For Tying Boxes, Cartons)

Binder Twine, 8-lb. ball, $2.50; 48-lb. bale .....$13.50
Sisal Twine, 2-ply; 5-lb. ball ..... 2.60

## COTTON TWINE—Very Best Grade

In balls, 3-ply; 5-lb. bag .....$4.25
In balls, 4-ply; 5-lb. bag ..... 4.25
In 2½-lb. cones, 3-ply and 4-ply ..... 2.20

## SEA ISLAND TWINE

Used for wrapping small packages. Also for sprays and design work. Blue, red, pink, lemon, orange, purple, red and white, blue and white, in 2-lb. cones, at $2.65.

## JUTE TOMATO TWINE

2-ply, ½-lb. balls, best grade. **40c per ball; 10 balls, $3.50.**

## VISQUEEN FILM

Plastic film recommended by the Dow Chemical Co. for covering when using MC-2. Visqueen film has a wall thickness of .006 inch and is light and easy to handle.

| | Per Roll |
|---|---|
| 10½ ft. x 100 ft. | $31.50 |
| 12 ft. x 100 ft. | 36.50 |
| 14 ft. x 100 ft. | 42.00 |
| 16½ ft. x 100 ft. | 49.50 |
| 20 ft. x 100 ft. | 60.00 |

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